# Syllabus

## for Courses affiliated to the

# **Kerala University of Health Sciences**

Thrissur 680596

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## BACHELOR OF SCIENCE IN NURSING

(B.Sc Nursing)

**Course Code :006** 

(2016-17 admission onwards)

2016

64 M.

#### **2. COURSE CONTENT**

#### 2.1 Title of course:

BACHELOR OF SCIENCE IN NURSING – Abbreviated as B.Sc. Nursing

#### 2.2 Objectives of course

#### Aims

The aim of the undergraduate nursing program is to:

- **1.** Prepare graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative services.
- 2. Prepare nurses who can make independent decisions in nursing situations, protect the rights and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinical/ public health setting/ school of nursing.

#### Objectives

On completion of the four years B.Sc Nursing programme the graduate:

- apply knowledge from physical, biological and behavioral science, medical including alternative systems and nursing in providing nursing care to individuals, families and communities.
- demonstrate understanding of life style and other factors, which affect health of individuals and groups.
- provide nursing care based on steps of nursing process in collaboration with individuals and groups.
- demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.
- utilize the latest trends and technology in providing health care.
- provide promotive, preventive, and restorative health services in line with the National Health Policies and programmes.
- practice within the framework of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.

- communicate effectively with individuals and groups, and members of the health team in order to promote effective interpersonal relationships and team work.
- demonstrate skill in teaching to individuals and groups in clinical/community health settings/ School of Nursing
- participate effectively as member of the health team in health care delivery system.
- demonstrate leadership and managerial skills in clinical/community health settings.
- conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
- demonstrate awareness, interest and contribute towards advancement of self and of the profession.

#### 2.3 Medium of instruction:

#### Medium of instruction shall be in English

#### 2.4 Course outline

Courses of Study

4	Subject	Theory (hrs) (Class and Lab)	Practical / clinical(hrs)	(hrs)
Part I	Biol <mark>ogical sciences</mark>			
Paper I	Anat <mark>omy</mark>	100 (80+20)		1
Paper II.	Physiology	90 (80+10)		
Paper III	Microbiology	<mark>90 (80+10</mark> )	63	
Paper IV.	Nutrition & Biochemistry A. Nutrition B. Biochemistry	60(40+20) 40	ť :	
Part II	Behavioural sciences			
Paper I	Psychology	60		
Part III	Nursing –I			
Paper I	Nursing Foundations	465 (265+200)	450	
Part IV				
Paper I	English	30		
Paper II	Introduction to Computers	45(15+30)		
	Library work / Self study			150
	Co- curricular Activities			100

#### First Year B. Sc Nursing

Total	980	450	250
		Total Hours	- 1680

	Subject	Theory( hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)
Part -I	Social Sciences			
Paper I	Sociology	60		
Part- II	Nursing II	3.	-0	
Paper I	Medical Surgical Nursing (Adult including Geriatrics)-I a. Medical Nursing b. Pathology	110 30(20+10)	440	
Paper II	Medical Surgical Nursing (Adult including Geriatrics)-I Surgical Nursing	110	520	
Paper III	Pharmacology	60		
Paper IV	Community Health Nursing-I	100	<u> 16</u> 0	
1	Library work / Self study			60
	Co- curricular Activities			30
- 10-	To <mark>tal</mark>	470	1120	90
			Total Hours	- 1680

### Second Year B. Sc Nursing



	Subject	Theory( hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)
Part I	Nursing –III			
	Medical Surgical			
Paper I	Nursing(Adult including	110	400	
	Geriatrics)- II			
Paper II	Child Health Nursing	140	400	
Paper III	Mental Health Nursing	110	360	
Part II	Research & Statistics	1 N		
Paper I	Nursing Research & statistics	50 (35+15)	80	
	Library work / Self study		10	20
	Co- curricular Activities		1	10
	Total	410	1240	30
			Total Hours	- 1680
-				

#### Third YearB. Sc Nursing

Fourth Year B. Sc Nursing							
~	Subject	Theory( hrs) (Class and Lab)	Practical/ Clinical (hrs)	(hrs)			
Part I	Nursing IV						
Paper I	Obstetric & Gyn <mark>ecological</mark> Nursing	100+30=130	480+160				
Paper II	Community health Nursing-II	100	320				
Part II	Education and Management		-				
Paper I	Nursing Education	80	120				
Paper II	Management of Nursing services & Education	70	120				
	Library work / Self study			70			
	Co-curricular activities			30			
	Total	380	1200	100			
	Total Hours - 1680						

#### 2.5 Duration

Duration of course shall be 4 years. The maximum period to complete the course successfully shall not exceed 8 years (double the duration of course)

#### 2.6 Syllabus

#### **FIRST YEAR B Sc NURSING**

#### ANATOMY

#### Placement – I Year

#### Theory (In hours) -100

#### (Class hours-80+ Lab hours -20)

#### **Course Description:**

The Course is designed to enable students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structures in disease and apply this in the practice of nursing.

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning Activities	Assessmen t Methods
	* 2 * 2 * 35*	Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands.	Introduction to Anatomical terms. • Organization of the human body. • Human Cell:- Structure. • Tissues- Definition, types, characteristics, classification, location, functions and formation. • Membranes and glands:- Classification and structure. • Organelle :- structure • Alteration in disease • Applications in nursing.	Lecture, Discussion Explain using charts, micro- scopic slides, -skeleton & torso	Short answer Very short answers
II	10	Describe the structure of bones and joints	<ul> <li>Skeletal System</li> <li>Bones:-         types, classification,         structure, description.</li> </ul>	-Lecture discussion -Explain using	Essay Short

			• Bones of limbs, Vertebra,	charts,	Answers
			Ribs, Sternum, Bony pelvis,	skeleton,	
			skull.	loose	
			• Joints:-	bones,	Very short
			classification, structure.	and	answers
			Major joints-	joints.	
			Hip, Shoulder, Knee, elbow,	,	
			Wrist, carpo-metacarpal,		
		6.	Tibio-fibular, radio-ulnar	4	
		1 × 1	Alteration in disease	- C ,	
			Applications and	1 C - 2	
	1		implications in nursing.		
	-2			Lastura	() ()
			Muscular System	Lecture,	0
			• Types and structure of	discussion	Essay
			muscles	Explain	171
			• Gluteal, thigh & deltoid	using	Short
			(Structure of muscle in	chart,	Answers
	<u>94.</u>	Describe the	detail).	models	
111	7	stru <mark>cture</mark>	Actions of various individual	and	
		of muscles	and groups of muscles	films	
			<ul> <li>Alteration in disease</li> </ul>	Demonstr	
		지각	<ul> <li>Applications and</li> </ul>	ate	Very short
			implications in nursing.	muscular	answers
				movemen	_
				ts	
		Describe the	Nervous System	Lecture,	
		structure	• Structure of neurons,	discussion	Essay
IV	10	of nervous	neuroglia.	Explain	
	10	system	CNS&PNS:-	using	Short
			• Parts, Structure and Blood	models,	answers

			Cranial nerves, Spinal	slides,	Very short
			nerves, Peripheral nerves	specimens	answers
			(axillary, sciatic, femoral,		
			radial), important		
			cutaneous nerves.		
			Autonomic Nervous		
			System-		
		a. 5	<ul> <li>Sympathetic and</li> </ul>		
		1 C -	parasympathetic	4	
	1	4	<ul> <li>Alteration in disease</li> </ul>	5.2	
	10		Applications     and		
	5		implications in nursing.		
			Sensory Organs		40 -
-	C.		• Structure of :-	Lecture,	0
_	1		• Skin	Discussion	Essay
-	£	Explain the	• Eye -Layers, Muscles of		
	16 - E	structure of sensory	eye ball (name &action)	Explain	Short
V	6	organs	• Ear	using	answers
	- 5-	organs	Nose	models,	2
			Tongue	charts,	Very short
			<ul> <li>Alteration in disease</li> </ul>	slides,	answers
		저리	Applications     and	specimens	
			implications in nursing.		
	_	Describe the	Circulatory and lymphatic	Lecture,	Essay
		structure	system	discussion	
		of	<ul> <li>Circulatory system</li> </ul>	Explain	Short
VI	10	circulatory	Microscopic structure of	using	answers
		and	blood	models,	
		lymphatic	• Structure of Heart: - layers,	charts,	Very short
		system	Chambers, blood supply.	slides,	answers

			<ul> <li>Structure of blood vessels:-</li> </ul>	specimens	
			Arterial & Venous		
			System.		
			• Circulation: - systemic,		
			pulmonary, coronary.		
			<ul> <li>Major arteries of limbs,</li> </ul>		
			head and neck, thorax,		
		Q. 7	abdomen, pelvis		
		S	<ul> <li>Veins used for IV injections</li> </ul>	3	
		4	• Lymphatic system:-:	<u>`</u> >>	
	10		<ul> <li>Lymphatic vessels and</li> </ul>	5	-
	5		Lymph		
			Microscopic structure		Q2
-	τ.		of lymphoid organs		0
	1		Lymphatic tissues		
-	5		• Thymus gland, Lymph		
	<u> </u>		nodes, Spleen, Tonsil		
	40		Alteration in disease	/ ·	0
	4		Applications and	7	
			implications in nursing.	69	
			Respiratory System	Lecture	
		- मर्च	<ul> <li>Parts of the respiratory</li> </ul>	Discussion	Essay
		Describe the	system		Chart
		structure	• Pharynx, Larynx,	Explain	Short
VII	6	of	Trachea, Bronchi, Lung,	using	answers
VII	0	respiratory	Broncho pulmonary	models,	Very short
		system	Segments, Pleura.	torso,	-
			• Muscles of respiration: -	charts,	answers
			• Intercostals ,	slides,	
			• Diaphragm.	specimens	
	l	1	1	I	

			Paranasal sinuses		
			Alteration in disease		
			Applications and		
			implications in nursing.		
			Digestive System		
			• Parts of Alimentary tract :-		
		- C.	Mouth, Salivary glands,	Lecture,	
		, e. "	Oesophagus, Stomach,	Discussion	Essay
		Describe the	small intestine, appendix,	~ y	LSSdy
	1.2	structu <mark>re</mark>	large intestine, rectum &	Explain	Short
VIII	0	of digestive	anal Canal.	using 🚽	-
VIII	S°.	system	<ul> <li>Accessory organs of</li> </ul>	models,	answers
			digestion:-	torso,	
-	ξ		Pancrea <mark>s, Live</mark> r & Gall	charts,	Objective
	4		bladder	slides,	type
-	c		Alteration in disease	Specimen.	171
	1		Applications and		-2
			implications in nursing.	<b>7</b>	Ċ.
	1		Excretory System	Lecture	
			• Structure of organs of	Discussion	
			urinary System:-		Essay
		Describe the	Kidney, Ureter, Urinary	Explain	
		Structure	bladder,Urethra (male,	using	Short
IX	6	of excretory	female)	models,	answers
	-	system	Structure of nephron	torso,	-
			Alteration in disease	charts,	Objective
			Applications and	slides,	type
			implications in nursing.	Specimen.	
		Describert		-	
х	6	Describe the	Endocrine System	Lecture	_
		structure of	• Structure of glands:	Discussion	Essay

		endocrine	Pituitary, Pancreas, Thyroid,		
		system	Parathyroid, Adrenal.	Explain	Short
			<ul> <li>Alteration in disease</li> </ul>	using	answers
			Applications and	models,	
			implications in nursing.	torso,	Objective
				charts,	type
			TY OF	slides,	
		a. 5	14 6	specimen	
		8	Reproductive system including	7	
	1	-	Breast:	1.2	
	2	Des <mark>cribe the</mark>	• Structure of female	Lecture	Essay
	5	structure of	reproductive organs:-	<b>Discu</b> ssion	
		reproductive	Uterus, <mark>Fallop</mark> ian tubes,		Short
-	£	system	Ovary, Vagina.	Explain	answers
xı =	6	including	• Structure of breast.	using	
		breast	• Structure of male	models,	Objective
	£		reproductive organs:	torso,	type
	est.		Testes, Epididymis, Vas	charts,	Ċ,
	1		Deferens, Prostate	slides,	7
			Alteration in disease	specimen.	
			Applications     and		
		- मध	implications in nursing.		

#### **References:-**

- Dr.P.Sreedevi, Fundamental aspects of Anatomy.
- P.R Ashalatha Textbook of Anatomy & Physiolgy for Nurses, Jaypee Brothers, New Delhi
- Chaurasia B.D, Human Anatomy Vol I, II, & III CBS Publishers, Delhi
- William et al, Gray's Anatomy, Churchil Livingstone, New York
- Tortora Grabowski, Principles of Anatomy and Physiology, Haifer Collins

- Milliard etal Human Anatomy and Physiology, W.B Saunder's Company, Philadelphia
- Baj Pai, R.N Human Histology, Jay Pee Brothers Medical Publishers, P.B Ansari Road, New Delhi.
- Inderbir Singh, Essentials of Anatomy, Jaypee Brothers.

PHYSIOLOGY

#### **Placement: I Year**

### Theory (In hours) -90 (Class hours-80+ Lab hours -10)

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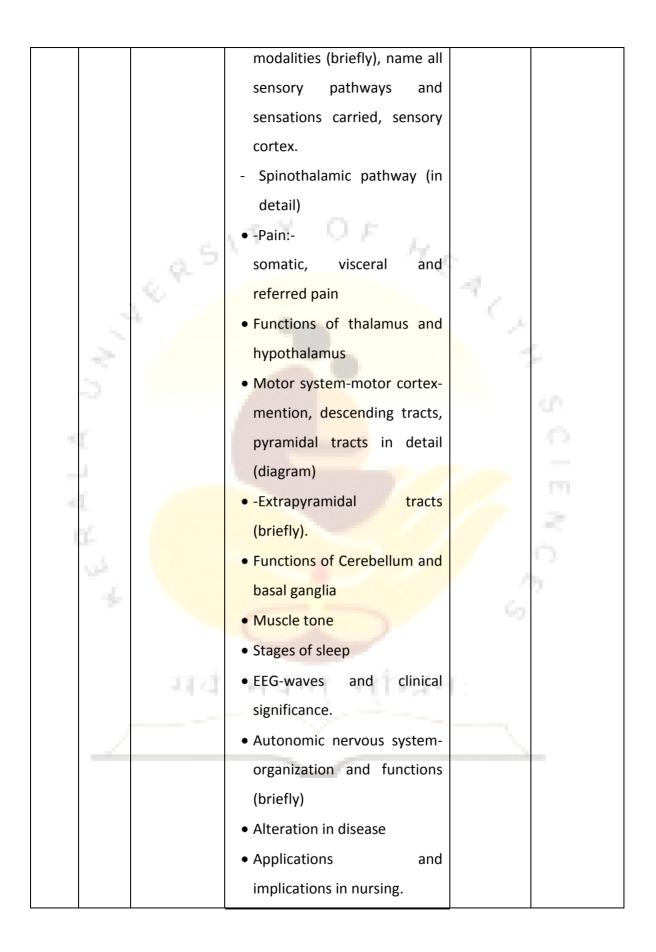
#### **Course Description:**

The Course is designed to enable the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and apply this in practice of nursing.

Unit	Time (Hrs.)	Learning Obj <mark>ectives</mark>	Content	Teaching Learning activities	Assessment Methods
	<u>1</u> -		Cell Physiology		~
	10		Homeostasis-definition	· .	1.1
	- der		Cell membrane-structure		7
		Describe	• Tissue formation, repair		
		the	<ul> <li>Concept of ECF &amp; ICF.</li> </ul>		
		physiology	• Transport across cell	Lecture,	Short
	4	of cell,	membrane-active transport	discussio	answers
•	1	tissues,	(Na- K pump), diffusion, and	n	
		membranes	osmosis.		Very short
		and gland	<ul> <li>Intravenous fluid therapy-</li> </ul>		answers
			basic principles		
			<ul> <li>Alteration in disease</li> </ul>		
			• Applications and		
			implications in nursing.		

			Skeletal system		
			<ul> <li>Bone formation and growth</li> </ul>	Lecture,	
		Describe	<ul> <li>Functions and movements of</li> </ul>	Discussio	
		the bone	bones of axial and	n,	Short
		formation ,	appendicular skeleton	Charts,	answers
II	3	growth and	Bone healing	Models,	
		movements	<ul> <li>Movements of joints</li> </ul>	Demonstr	Very short
		of skeletal	Alteration in disease	ation	answers
		system	• Applications and	4.	
		1	implications in nursing.	- C ,	
	1		Muscular system	Locturo	
			• Stimulus and nerve –	-Lecture,	
			impulse – definition and	Discussio	01
-	c		mechanism	n. Evelain	0
		Describe		-Explain	
		Describe	Membrane potentials	using	[7]
		the	Neuromuscular transmission	charts,	2
		muscle	Types of muscles	models	Essay
	÷.,	movements	• Skeletal muscle:-	slides,	•
	20	and tone	structure of sarcomere,	specimen	Short
Ш	5	and	muscle proteins(briefly),	and films.	answers
		demonstrat	excitation-contraction	-	
		e	coupling, physiology of	Demonstr	Very short
		muscle	skeletal muscle	ation	answers
	_	contraction	contraction(briefly),	of muscle	
		and tone	<ul> <li>Starlings law of skeletal</li> </ul>	movemen	
			muscle contraction	ts,	
			Smooth muscle:-physiology	tone and	
			of smooth muscle	contracti	
			contraction (briefly)	on	
			• Cardiac muscle:-		

			properties-excitability,		
			rhythmicity, contractility,		
			conductivity, refractory		
			period		
			<ul> <li>Alteration in disease</li> </ul>		
			<ul> <li>Applications and</li> </ul>		
			implications in nursing.		
			Nervous System		
		6	<ul> <li>Functions of Neuroglia,</li> </ul>	4	
		1.	neurons, brain, spinal cord,	< <u>,</u>	
	5		cranial and spinal nerves		
	1	Describe	• Cerebrospinal fluid-	Lecture,	
		the	formation, composition,	Discussio	01
-	£	physiology	circulation, functions	n.	0
		of nerve	• Synapse-types, properties-	Explain	
		stimulus,	one way conduction,	using	171
		reflexes,	synaptic delay, synaptic	charts,	Essay
		brain,	inhibition, convergence,	models	Ċ,
IV	10	cranial	divergence, fatigue	slides,	Short
		and spinal	Neurotransmitters ( mention	and	answers
		nerves.	the names) -acetylcholine,	Films.	anovers
		Demonstrat	GABA, glycine, serotonin	Demonstr	Very short
		e	Reflex arc, Reflex action and	ate	answers
		reflex	Reflexes-monosynaptic	nerve	
	-	action	(stretch reflex) and	stimulus,	
		and	polysynaptic reflex	reflex	
		stimulus	(withdrawal reflex)	action,	
			• Sensory system:-receptors-	reflexes	
			classification, receptor		
			potential (briefly), sensory		



	Physiology of Blood:-		
Describe the Physiology and functions of blood. Demonstrat e blood cell count, coagulation , grouping,	<ul> <li>Functions, composition:-</li> <li>Plasma, RBC, WBC, Platelets.</li> <li>Plasmaprotein and functions</li> <li>RBC- Structure,normal Count, functions</li> <li>-ESR, PCV, osmotic fragility.</li> <li>-Erythropoesis and factors affecting</li> <li>-Haemoglobin-Structure, Normal value, functions, types</li> <li>WBC-classification, morphology, functions of each cell, normal count.</li> <li>-Immunity- definition, types-innate,acquired, mechanism,</li> <li>-Immunoglobulins-types(briefly), functions</li> <li>Platelets-Structure, normal count, functions.</li> <li>-Haemostasis</li> <li>vasoconstriction, platelet plug formation ,extrinsic and intrinsic mechanism, Clot retraction</li> <li>-Tests- bleeding time, clotting time</li> <li>Blood groups- ABO and Rh systems, landsteiners law-1&amp;2, blood grouping, crossmatching,concept of universal donor and recipient,</li> </ul>	Lecture discussio n Explain using Charts, films. Demonstr ation of Blood cell count, coagulati on, grouping, Haemogl obin estimatio n,	Essay Short answers Very short answers
	the Physiology and functions of blood. Demonstrat e blood cell count, coagulation	<ul> <li>Functions, composition:-         <ul> <li>Plasma, RBC, WBC, Platelets.</li> <li>Plasmaprotein and functions</li> <li>RBC- Structure, normal Count, functions</li> <li>-ESR, PCV, osmotic fragility.</li> <li>-Erythropoesis and factors affecting</li> <li>-Haemoglobin-Structure, Normal value, functions, types</li> </ul> </li> <li>Describe         <ul> <li>Haemoglobin-Structure, Normal value, functions, types</li> <li>WBC-classification, morphology, functions of each cell, normal count.</li> <li>-Immunity- definition, types-innate, acquired, mechanism, types(briefly), functions</li> <li>Demonstrat e</li> <li>Platelets-Structure, normal count, functions.</li> <li>-Haemostasis</li> <li>vasoconstriction, platelet plug formation ,extrinsic and intrinsic mechanism, Clot retraction             <ul> <li>-Tests- bleeding time, clotting time</li> <li>Blood groups- ABO and Rh systems, landsteiners law-1&amp;2, blood grouping, crossmatching,concept of universal donor and recipient,</li> <li>Rh &amp; ABO incompatibility</li> <li>Lymph formation and functions</li> <li>Alteration in disease</li> <li>Applications and</li> </ul> </li> </ul></li></ul>	<ul> <li>Functions, composition:-         <ul> <li>Plasma, RBC, WBC, Platelets.</li> <li>Plasmaprotein and functions</li> <li>RBC-Structure,normal Count, functions</li> <li>-ESR, PCV, osmotic fragility.</li> <li>-Erythropoesis and factors affecting</li> <li>-Haemoglobin-Structure, Normal value, functions, types</li> <li>WBC-classification, morphology, functions of each cell, normal count.</li> <li>-Immunoglobulins- types(briefly), functions</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>-Haemostasis</li> <li>-Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Platelets-Structure, normal count, functions.</li> <li>Blood groups- ABO and Rh systems, landsteiners law-la&amp;2, blood grouping, n, crossmatching,concept of universal donor and recipient,</li> <li>Rh &amp; ABO incompatibility</li> <li>Lymph formation and functions</li> <li>Alteration in disease</li> <li>Applications and</li> </ul> </li> </ul>

VI 10	Describe the physiology of cardiovascu lar system. Demonstrat e: BP and Pulse monitoring	<ul> <li>Cardiovascular system</li> <li>Conduction system of the heart-origin and spread of cardiac impulse.</li> <li>ECG- normal ECG- P, Q, R, S, T waves, 12 leads, uses of ECG.</li> <li>Cardiac cycle-definition, duration, phases, pressure changes in ventricles and aorta&amp; normal values, volume changes.</li> <li>JVP-normal waves</li> <li>Heart sounds- <ol> <li>1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, 4<sup>th</sup> murmurdefinition, Causes</li> <li>Arterial pulse- definition, characters of normal pulse.</li> <li>Cardiac output- definition; normal value; regulationstroke volume &amp; heart rate, factors influencing.</li> <li>Haemodynamics- turbulent and laminar flow</li> <li>Arterial blood pressured definition, normal values, systolic BP, diastolic BP, mean arterial BP; pulse pressure; determinants/factors</li> </ol> </li> </ul>	Lecture discussio n Explain using charts. demonstr ate : conductio n System. Measure ment of pulse, BP	Essay Short answers Very short answers
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		[		1
			affecting BP-cardiac output,	
			peripheral resistance,	
			elasticity.	
			• variations – hypertension,	
			hypotension.	
			Coronary circulation-	
			functions and special	
		a. 5	features	
		61	<ul> <li>Cerebral circulation (brief)</li> </ul>	4,
		4	<ul> <li>Alteration in disease</li> </ul>	- S. J.
	10		Applications and	
			implications in nursing.	
			The Respiratory System	0
-	c		• Functions- respiratory, non	0
			respiratory	
	÷	Describe	Mechanics of ventilation –	Lecture,
		th <mark>e</mark>		Discussio
	1.0	p <mark>hysiology</mark>	inspiration, expiration; muscles of respiration;	n. 📺
	÷.,	and		Explain Essay
		mechanism	intrapleural and	using
		s	intrapulmonary pressure	Charts, Short
VII	8	of	changes.	films. answers
		respiration.	• surfactant- functions; Lung	Demonstr
		Demonstrat	volumes and capacities-	ation Very short
	_	es	definition, normal values,	of answers
		spirometry	spirogram	spirometr
			<ul> <li>dead space- mention;</li> </ul>	y
			Alveolar ventilation and	
			pulmonary ventilation.	
			<ul> <li>Pulmonary diffusion</li> </ul>	
			• Transport of respiratory	
	1	1	1	1

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			gases –		
			• O2 transport; O2 carrying		
			capacity of haemoglobin,		
			oxygen- haemoglobin		
			dissociation curve- factors		
			causing shift of ODC		
			• CO2 transport		
		- a 5	<ul> <li>Exchange of respiratory</li> </ul>		
		6	gases at tissue level.	4.1	
		1	• Regulation of respiration -	- C.,	
	1		Neural & chemical		e
					11°
			<ul> <li>Oxygen therapy</li> </ul>		0
			• Oxygen toxicity		- A
			• cyanosis- definition, types		
			Alteration in disease		111
	£		Applications     and		
	<u>1</u>		implications in nursing.		-
	120		The Digestive System	7	0
	4		Salivary gland-		7
			types, composition and	50	
			functions of saliva	Lecture,	
		Describes	Stomach-	Discussio	Essay
		the	gastric juice- composition and	n.	
	- /	physiology	functions, HCI secretion-	Explain	Short
VIII	7	of digestive	mechanism, regulation of secretion, factors affecting	using	answers
		system.	secretion.	charts,	
			• Pancreas-	Films	Very short
			pancreatic juice- composition, functions and hormones		answers
			functions and hormones regulating.		
			• Liver and gall bladder-		
			functions of liver and gall		
I	I	I	I	l	I I

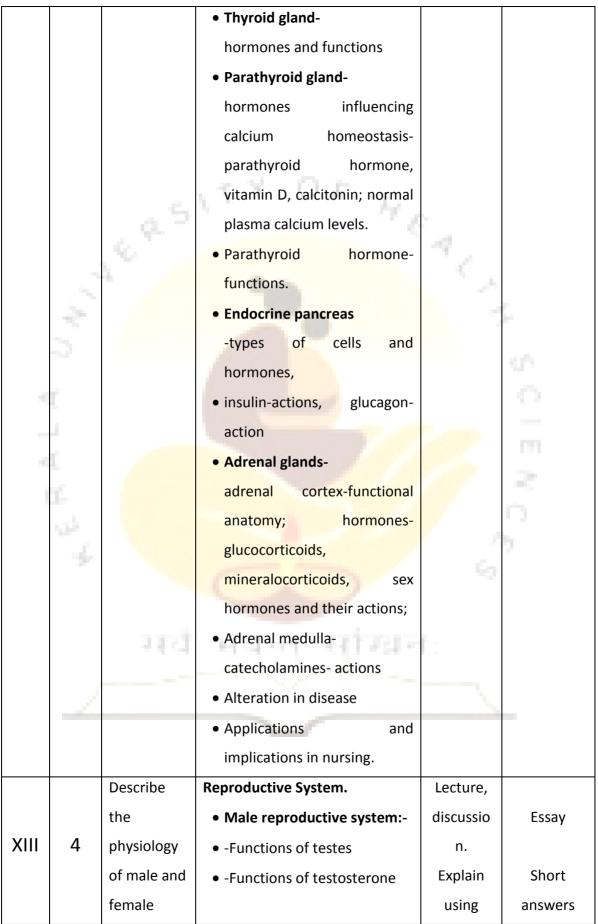
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			bladder, composition and		
			functions of bile		
			enterohepatic circulation		
			<ul> <li>Small intestine-</li> </ul>		
			functions, composition and		
			functions of intestinal juice,		
			brush border enzymes.		
		5	• Large intestine-		
		65	functions, intestinal flora-	4.1	
			functions, dietary fiber.	< C 3.	
	5		• Movements of GIT-		C
			mastication (mention),		
			deglutition-stages, gastric		01
-	c		motility, peristalsis,		0
			movements of large		
	6		intestine, movements of		PT)
	2		small intestine, defecation	17	2
			reflex(brief)		Ó.
	×.,		• GI hormones- gastrin,	1	5
	~		secretin, CCK-PZ	69	
			• Metabolism of CHO, Protein		
		1101	& fat.		
			<ul> <li>Alteration in disease</li> </ul>		
	1		Applications and		
	-		implications in nursing.		
		Describe	Renal System	Lecture,	
		the	• Functions of kidneys,	discussio	Essay
IX	7	Physiology	ureters, urinary bladder and	n	
		of excretory	urethra	Explain	Short
		system	Nephron-	using	answers

	structure, types, juxta	charts,	
	glomerular apparatus	films	Very short
	<ul> <li>Renal blood flow (brief)</li> </ul>		answers
	• Mechanism of urine		
	formation		
	<ul> <li>-Glomerular filtration - GFR</li> </ul>		
	definition, normal value,		
0.7	factors influencing	÷	
1.6	<ul> <li>-Tubular reabsorption-</li> </ul>	9,	
	Sodium, water, glucose,	1.2	
2	urea.		ç.
5	• -Tubular secretion- H+, K+ -		
	mention.		Q2
- C	• -acidification of urine		0
-	Renal clearance- definition		
- C	Renal threshold and		
14	transport maximum of		-
424	glucose.	· .	1.2
+	Urine concentrating	1	7
	mechanism of kidney-		
	counter current mechanism-		
	multiplier and exchangers		
	(briefly).		
1	<ul> <li>Micturition- innervations of</li> </ul>		
	bladder, micturition reflex		
	• Urine- normal output,		
	constituents- normal and		
	abnormal (albumin, glucose)		
	Polyuria, oliguria, anuria		
	(mention)		

Alteration in disease	
Applications an	d
implications in nursing.	
Skin and Temperatur	e
regulation	
<ul> <li>Functions of skin</li> </ul>	Lecture
Normal body temperature	e, Discussio Short
Describe measurement	n. answers
X 2 the • Regulation of bod	ly Explain
physiology temperature- role of ski	n using Very short
and hypothalamus	Charts, answers
Alteration in disease	films.
Applications     an	d
implications in nursing.	0
Special Senses	
Functional anatomy of Eye	
• -visual receptors-	
• functions of rods and cones	Locture
visual pathway	Lecture Discussio
Describe • visual acuity-	n.
the mention tests	Explain
XI5	- Short using
of sensory • colour blindness(briefly)	Charts,
organs • Functional anatomy of ea	
organ of corti	Very short
Mechanism of hearing	answers
Pathway in brief	
Hearing tests	
Vestibular apparatus	
olfaction-	

			<ul> <li>receptors and pathway</li> </ul>		
			• Taste-		
			receptors, primary taste		
			sensations (pathways in		
			comparison)		
			<ul> <li>Alteration in disease</li> </ul>		
			Applications     and		
		. e. "	implications in nursing.		
		S	Endocrine System.	2/	
	1	-	• Functions of endocrine	12	
	-25		glands		Ç
	5		• Hypothalamus:-		
			• Endocrine functions,		<u> </u>
-	τ		hypothalamo hypophyseal	Lecture	0
			portal system, feedback loop	discussio	Essay
-	£	De <mark>scribe</mark>	Pituitary Gland:-	n	LSSdy
	S	the	<ul> <li>-Hormones of anterior</li> </ul>	Explain	Short
	- 40	physiology	pituitary- Growth hormone-	using	answers
хп	5	of	functions, other hormones-	Charts,	dilowers
		endocrine	functions-(briefly)	films.	
		glands.	<ul> <li>-Role of releasing and</li> </ul>	Demonstr	
		114	inhibitory hormones of each	ation	Very short
			gland-mention;	of BMR	answers
	_		-Posterior pituitary-		
			functions & physiological		
			actions of ADH,		
			• Oxytocin-		
			Physiological actions and		
			functions.		
			<ul> <li>neuroendocrine reflex</li> </ul>		



	reproductiv	-Spermatogenesis and	Charts,
	е	factors influencing it.	films, Very short
	system	• Female reproductive	models, answers
		system: Oogenesis	specimen
		<ul> <li>-Functions of ovary</li> </ul>	s.
		<ul> <li>Action of oestrogens and</li> </ul>	
		progesterone	
	0.7	<ul> <li>Menstrual cycle; ovarian,</li> </ul>	
	6	uterine , cervical and vaginal	2
		changes during menstrual	1 × 2
		cycle	5
5		<ul> <li>-Ovulation, tests of</li> </ul>	
		ovulation(Mention)	Q.
		• -Hormonal regulation of	0
		menstrual cycle	
		<ul> <li>-menarche and menopause.</li> </ul>	
05-		Pregnancy-fertilization,	- E
40		implantation,corpus luteum	2
4		of pregnancy (brief);	
		placenta-functions,tests for	N2
		pregnancy-immunological	
	- मर्च	test	1:
		Lactation- Functions of	
		breast, hormones	
		influencing lactation, review	
		of neuroendocrine reflex.	
		Physiological principles	
		underlying contraception	
		<ul> <li>Alteration in disease</li> </ul>	
		• Applications and	

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			implications in nursing.		
			Lymphatic and Immunological		
		Describe	System.		
		the	<ul> <li>Circulation of Lymph</li> </ul>	Lecture,	Short
		physiology	• Immunity	Discussion.	
	2	of	• Formation of T-cells and B	Explain	answers.
XIV	2	Lymphatic	Cells.	using	Vorushart
		and	Types of Immune response	Charts,	Very short
		Immunologi	<ul> <li>Antigens</li> </ul>	films.	answers.
		cal System.	Cytokines	12	
	$- \frac{1}{2} e^{-i \theta}$		Antibodies	1	ç

#### **References:-**

- Guyton A C, Hall J E. Medical Physiology, Philadelphia, Grayten & Hall.
- Review of Medical Physiology: Ganong.
- Chaudhary, Concise Medical Physiology :
- A.K.Jain, Textbook of Physiology for Nurses
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- Khurana I Text Book of Medical Physiology, New Delhi, Elsevier.

#### MICROBIOLOGY

मयं भवन्त सांग्यन

Placement - I year

Theory (In hours) -90

(Class hours-80+ Lab hours- 10)

#### **Course Description:**

This course is designed to enable students to acquire understanding of fundamentals of microbiology and identification of various micro organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.

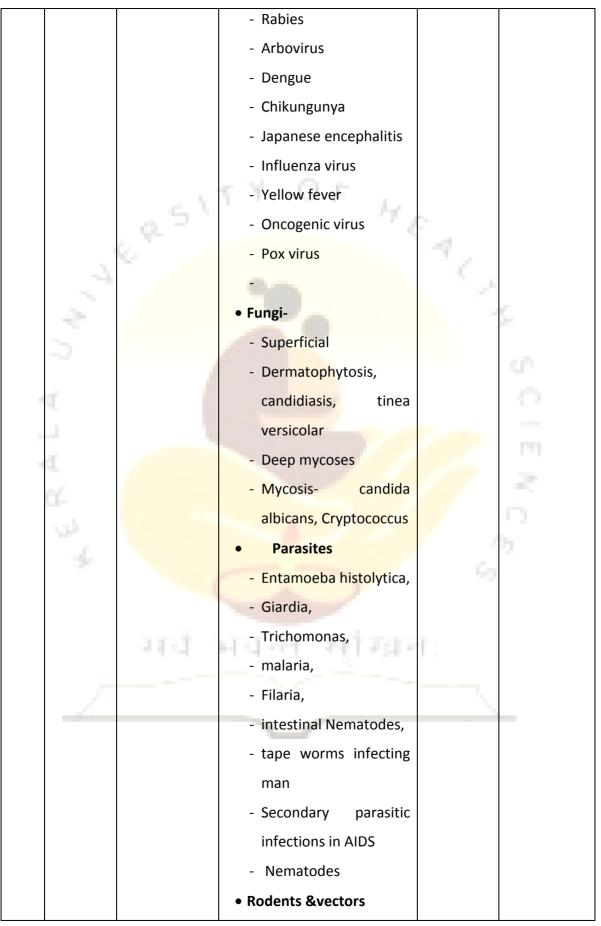
Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning activities	Assessment Methods
		Explain	<ul><li>Introduction</li><li>Historical perspective</li></ul>		
		Concepts	• Concepts and		Short answers
		and	terminology	Lecture,	
	6	principles of	<ul> <li>Principles of</li> </ul>	discussion	Objective
•	Ŭ	microbiology	microbiology	1.1	type
		and their	<ul> <li>Importance and</li> </ul>	12	- /
	-	importance	relevance in nursing	1.2	
	2	in nursing			Ş
	3		General characteristics of		
			microbes		4.
	C		Structure and		0
			classification of	1000	171
	ď.	Describe the	microbes		
	-10	Structure,	<ul> <li>Morphological types</li> </ul>	Lecture	-
	44	classification	• Size and form of bacteria	Discussio	
		morphology	• Motility	n	Short
		and growth	Colonization	Demonstr	answers
		of bacteria	Bacterial spores	ation	Ohiaatiya
II	15	मध ः	Growth and nutrition of	Laborator	Objective
		Identify	microbes	y visits	type
	1	micro	• Temperature	Staining	
		organism	Moisture	practices	
			<ul> <li>Blood and</li> </ul>		
			<ul> <li>body fluids</li> </ul>		
			• Culture / transport		
			medias		
			<ul> <li>Laboratory methods of</li> </ul>		

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			identification of		
			microorganism		
			<ul> <li>Staining techniques,</li> </ul>		
			gram staining, acid fast		
			staining, hanging drop		
			preparation		
			Infection Control		
		, e. "	• Infection: source, portal	-	
		¢	of entry and exit, types	- e -	
			of transmission		
			• Asepsis-		ç
	3		Types		
		Describe the		Lecture	197 197
	C	methods of	types and methods	Discussio	0
	- I	infection	Sterilization	n	111
	d).	control	types and methods	Demonstr	
	-10		Chemotherapy and	ation	Short
	125	Identify role	antibiotics	Visit to	answers
111	15	of nurse in	Antibiotic policy	CSSD	27
		h <mark>ospital</mark>	Standard safety	Clinical	Objective
		infection	measures	practice	type
		control	Biomedical waste	of aseptic	
		program		technique	
			management		
	-		Role of nurse In	S	
			Disinfection		
			Sterilization		
			Standard safety		
			measures		
			Biomedical waste		
			management		
	1		1	1	1

	1				
			<ul> <li>Hospital acquired</li> </ul>		
			infection		
			<ul> <li>Hospital infection</li> </ul>		
			control program		
			<ul> <li>Hospital infection</li> </ul>		
			committee		
		2.1	Protocols		
		0.7	Collection and		
		6.	transportation of	- 7	
	1.1		samples	1.2	
	100		<ul> <li>Preparation of reports</li> </ul>		ç,
	3		and status of rate of		
			infecti <mark>on in th</mark> e units /		0
	<		hospital		C.
			Pathogenic organisms		
	4E.		Microorganisms		111
	CÉ-		• Cocci –		-
	1.1		Gram positive		0
	4		- Staphylococci		2
		Describe	- Streptococci	Lecture	Essay
		different	- Pneumococci	Discussio	
		disease	Gram negative	n	Short
IV	32	producing	- Gonococci	Laborator	answers
		organisms	- Meningococci	y visits	
			• Bacilli –	Practical	Objective
			Gram positive	session	type
			-Mycobacterium		
			- tuberculosis / leprae /		
			Atypical		
	1				





	T		·	[	1
			- Zoonotic diseases		
			- Anthrax,		
			- Rabies,		
			- Leptospirosis		
			- Plague,		
			- Dog tapeworm		
			- Vector borne diseases		
		a 2 '	- Malaria,	-	
		61	- Filariasis,	4.	
	-		- Kyasanur Forest	5.2	
	10		disease virus (KFD),	<u> </u>	ç
	-		- Leishmaniasis		
			Arbovirus		01
	10		- D <mark>engue,</mark>		0
	1		- Chikungunya,		
	1		- Japanese		(TT)
	1		encephalitis,	1	2
	a de la composición de la comp		- Yellow fever		Ô.
	1		Immunity	Lecture	5
			• Immunity- types,	Discussio	
			classification	n	
		Explain the	Antigen antibody	Demonstr	
		concept of	<ul> <li>reaction</li> <li>Hypersensitivity- skin</li> </ul>	ation	Short
	5	immunity,	test	Visit to	answers
		hypersensitiv	<ul> <li>Serological tests</li> </ul>	immuniza	
V	12	ity and	<ul> <li>Immunoprophylaxis</li> <li>Vaccines &amp; sera- types &amp;</li> </ul>	tion	Objective
		immunizatio	• vaccines & sera- types & classification, storage	clinics	type
		n	and handling, cold chain	Observati	
			Immunization for	on of	
			<ul><li>various diseases</li><li>Immunization schedule</li></ul>	cold chain	
			Newly available vaccines	practices	
				1	

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- Ananthanarayanan R& Jaiaram Panicker C K:Text Book of Microbiology, Hyderabad, Orient Longman Private Ltd.
- Ananthanarayanan R& Jaiaram Panicker C K:Text Book of Microbiology for Nurses, Hyderabad, Orient Longman Private Ltd.
- Nagoba P S, Puchare A: Medical Microbiology, Preparatory Manual for Undergraduates, New Delhi, Jaypee Brothers Medical Publishers (P)Ltd
- Guptha S. A Short Text Book of Microbiology(including parasitology), New Delhi,
   Jaypee Brothers Meidcal Publishers (P)Ltd
- Tombury M C etal, Notes on Medical Microbiology, Edinburgh, Churchill
   Livingstone
- Collie J E etal. Notes on Medical Microbiology, New Delhi, Churchill Livingstone

#### NUTRITION

Placement :

l Year

#### Theory (In hours) -60

#### (Class hours-40+ Lab hours -20)

#### **Course Description:**

This course is designed to acquire knowledge of nutrition for maintenance of optimum health at different stages of life and its application for practice of nursing.

Unit	Time (Hrs)		Learning Objectives	Content	Teaching Learning	Assessment Methods
	Т	Ρ	•	×	activities	
I	4		Describe the relationship between nutrition and health	<ul> <li>Introduction :</li> <li>Nutrition: History, concepts</li> <li>Role of nutrition in maintaining health</li> <li>Nutritional problems in India</li> </ul>	Lecture, discussion	Short answers Very sort answers

				<ul> <li>National nutrition policy</li> </ul>		
				• Factors affecting food		
				and nutrition:		
				socioeconomic, cultural,		
				tradition, production,		
				system of distribution,		
			-	lifestyle and food habits		
			51	etc.		
			, Q. "	Role of food and its	1.1	
			<i>2</i>	medicinal value.	~	
		- 1		• Classification of foods.	1	
	- 25			<ul> <li>Food standards.</li> </ul>		6
	1			• Elements of nutrition:		
				macro and micro.		(P)
				•Calorie <mark>, BMR</mark>		~
				and the second se		1. 1
	- h			Carbohydrates	-	
	÷.		De <mark>scribe the</mark>	<ul> <li>Classification</li> </ul>		
	10		classification,	Calorie value		
				Recommended Daily		Ó.
	0.0		functions,	Allowances (1997)	1	Essay
			sources and	<ul> <li>dietary sources</li> </ul>	Lecture,	
п	2		recommended	Functions	discussion	Short
			daily	<ul> <li>Digestion, absorption and</li> </ul>	41364331011	answers
			allowances	storage, metabolism o f	1.	
			(RDA) of	carbohydrates		Very sort
		1	carbohydrates	Malnutrition :		answers
	-	-	carbonyarates	deficiencies and		
				overconsumption		
L	1	I	l	1	I	L

111	2		Describe the classification, functions, sources and recommended daily allowances	Fats •Classification •Calorie value •Recommended Daily Allowances •Dietary sources •Functions •-Digestion, absorption and storage, metabolism	Lecture Discussion	Essay Short answers Very short answers
		2	(RDA) of Fats	Malnutrition: deficiencies     and overconsumption	" ( ,	
IV	2	6	Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins	Proteins • Classification • Calorie value • Recommended Daily Allowances • Dietary sources • Functions • Digestion, absorption and storage, metabolism • Malnutrition: deficiencies and overconsumption	Lecture Discussion	Essay Short answers Very short answers
v	3	2	Describe the daily calorie requirement for different categories of people.	<ul> <li>Energy</li> <li>Unit of energy-Kcal</li> <li>Energy requirement of different categories of people.</li> <li>Measurement of energy</li> <li>Body Mass Index(BMI) and basic metabolism.</li> <li>Basal Metabolic Rate(BMR)</li> <li>Determination and factors affecting BMR</li> </ul>	Lecture, Discussion , Exercise demonstr ation.	Short answers Very short answers

			Describe the	Vitamins	• Lectur	Short
			classification,	<ul> <li>Classification</li> </ul>	е,	answers
			functions,	<ul> <li>Recommended Daily</li> </ul>	<ul> <li>Discuss</li> </ul>	
			sources and	Allowances	ion.	Very short
			recommended	<ul> <li>Dietary sources</li> </ul>	•	answers
VI	4		daily	• Functions		
			allowances	<ul> <li>Absorption, synthesis,</li> </ul>		
			(RDA) of	metabolism, storage		
			Vitamins	and excretion	1	
		-		<ul> <li>Deficiencies</li> </ul>	1 × 2	
	- 2			<ul> <li>Hypervitaminosis</li> </ul>		ç
	5		Describe	Minerals	Lecture	Short
			the	Classification	Discussion	answers
	₹.		<ul> <li>classificatio</li> </ul>	Recommended Daily		0
	1		n,	Allowances		Very short
	×.		functions,	• Dietary sources		answers
	сí-		sources and	Functions		
VII	4		recommen	• Absorption, synthesis,		1.3
		5	ded daily	metabolism, storage		7
			allowances	and excretion		
			(RDA) of	Deficiencies-		
			Minerals	Overconsumption and	11	
				toxicity		
		4	Describe the	Water	Lecture	Short
			sources,	<ul> <li>Daily requirement</li> </ul>	Discussion	answers
			functions and	<ul> <li>Regulation of water</li> </ul>		
VIII	3		requirements	metabolism		Very short
			of Water and	• Distribution of body		answers
			Electrolytes	water		
				• Electrolytes		

				• Types, sources,		
				composition of body		
				fluids		
				<ul> <li>Maintenance of fluid -</li> </ul>		
				electrolyte balance		
				<ul> <li>Over hydration,</li> </ul>		
			< N	dehydration and water		
			. Q. 2	intoxication		
			6	• Electrolyte imbalances.	27	
			-Describe the	Cookery rules and	Lecture	Short
	- 2		cookery rules	preservation of nutrients	Discussion	answers
	25		and	<ul> <li>Principles, methods of</li> </ul>		
			preservation of	cooking and serving	Demonstr	Very short
1	ς.		nutrients	<ul> <li>Preservation of</li> </ul>	ation	answers
	1			nutrients		
	ď. –		-P <mark>repare and</mark>	<ul> <li>Safe food handling-</li> </ul>	Practice	
	-10		s <mark>erve simple</mark>	toxicity	session	~
	14		b <mark>everages</mark> and	<ul> <li>Storage of food</li> </ul>	Z .	0
IX	5	15	d <mark>ifferent types</mark>	• Food preservation,	1	5
			of foods	food additives and its	69	
				principles		
			and a	Prevention of Food	1.	
				Adulteration Act (PFA)		
		1		<ul> <li>Food standards</li> </ul>	_	
				• Preparation of simple		
				beverages and different		
				types of foods		
			Describe and	Balanced diet	Lecture	Short
x	7	5	plan balanced	• Elements		answers
			' diet for	Food groups	Discussion	

		Very short
categories of Allo	vance Demonstr	answers
people • Nutr	tive value of foods ation	
• Calc	llation of balanced	Exercise on
diet	or different Practice	meal
cate	gories of people session	planning
	ning of menu	
	eting of food Meal	
	duction to planning	
	peutic diets:	
	ropathy-diet	5
-Describe Role	of nurse in Lecture	Short
various nutritio	nal programmes	answers
National • Nati	onal programme Discussion	
Programmes relat	ed to nutrition:	Very short
related to • Vita	nin A prophylaxis Demonstr	answers
nutrition prog	ramme ation o	f
• Nati	nal Iodine assessme	<i>m</i>
-Describe the Defi	iency nt o	f
role of nurse in Diso	ders(IDD) nutritiona	
XI 4 assessment of Prog	ramme status	
nutritional • Mid	day- meal	
status and prog	ramme	
nutrition • Inte	rated child	
education deve	lopment scheme	
(ICD	;)	
• Nati	onal and	
Inte	national agencies	
wor	ing towards food/	

	nutrition-NIPCCD,		
	CARE, FAO, NIN,		
	CFTRI(Central Food		
	Technology and		
	Research Institute).		
	<ul> <li>Assessment of</li> </ul>		
	nutritional status		
a. 5 '	Nutrition education-	-	
. 6	role of the nurse	4	
1	9.00	5 x	
3		24	

### **References:**

- 1. Dr. Swaminathan M. Hand book of Food and Nutrition. Bangalore. The Bangalore Printing and Publishing Company Ltd
- 2. John Sheila& Dr. Jennifer J Essentials of Nutrition and Dietetics for Nursing, Chennai, BI Publications Pvt Ltd.
- 3. Guptha L C etal. Food and Nutrition- Facts and Figures, New Delhi. Jaypee
- 4. Lutz and Prazytalski.Nutrition and Diet Theory –Evidence based applicationbs, New Delhi, Jaypee.
- 5. Barrer M Helen . Nutrition and Dietetics for health care.
- 6. Reheena Beegum M A Text book of Foods, Nutrition and Dietetics, New Delhi, Sterling Publishers Pvt Ltd.

### BIOCHEMISTRY

### **Placement-I Year**

#### Theory (Hrs) - 40

### **Course Description:**

The course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.

Unit	Time (Hrs.)	Learning Objectives	Content	Teaching Learning activities	Assess ment Methods
	4	Describe the structure, composition and function of cell Differentiate between Prokaryotic and Eukaryotic cell Describe the transport mechanisms	<ul> <li>Introduction</li> <li>Definition and significance in nursing</li> <li>Cell biology</li> <li>Difference between Prokaryote and Eukaryote cell</li> <li>Review of structure and function of cell and sub cellular particles.</li> <li>Cell membrane-structure and function</li> <li>Transport mechanisms: passive and active transport</li> </ul>	Lecture, discussion using charts and slides	Short answers Very short answers
11	7	Describe the metabolism of carbohydrate s	Metabolismofcarbohydrates• Classification,Biological importance of carbohydrates• Monosaccharide's: glucose &fructose.• Disaccharides :lactose&sucrose, lactose intolerance.• Polysaccharides.• Digestion and absorption of carbohydrates	Lecture, discussion using charts and slides. Demonstra tion of laboratory tests.	Essay Short answers Very short answers

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		Γ	l	[	1
			<ul> <li>Regulation of blood</li> </ul>		
			glucose		
			<ul> <li>Diabetes mellitus-</li> </ul>		
			classification, biochemical		
			derangement, clinical		
			features, investigation,		
			complications		
		0.2	Oral glucose tolerance	÷	
		6	test	4.	
			<ul> <li>Investigations and their</li> </ul>	· * ,	
	10		interpretations.		
	25				
			Metabolism of Lipids		()
-	£		• Classification of lipids,		0
_	<i>.</i>		chemistry of fatty acids,		
	£		unsaturated fatty		171
			acids(essential fatty	Lecture,	2
			acids), significance of	discussion.	Ċ.
	×.,		PUFA	Explain	Essay
		Explain the	Chemistry of Triacyl	using	
		metabolism	glycerol, cholesterol and	charts,	Short
ш	6	of Lipids	phospholipids.	models	answers
			<ul> <li>Digestion and absorption</li> </ul>	slides.	
	1		of lipids	Demonstra	Very short
	-		Lipoprotein ,chylomicron,	tion of	answers
			LDLs, VLDLs and	laboratory	
			HDL(briefly)	tests.	
			Lipid profile, bile salts		
			• Atherosclerosis		
			<ul> <li>Formation and utilization</li> </ul>		

IV       6       Ketoacidosis in diabetes and starvation       Investigations and their interpretations.       Important interpretations         IV       6       Metabolism of Amino acids and Proteins       Classification of Amino acids and Proteins       Important interpretations         IV       6       Explain the metabolism of Amino adisposal of Amino adisposal of aborption of proteins       Lecture, Ammonia       Explain the interpretations         IV       6       Formation and disposal of Amino adisposal of aborption of proteins       Explain the interpretations       Plasma proteins, serum levels, functions of albumin, hypo protianemia       Explain       Essay         IV       6       Formation and disposal of Amino acids and proteins       Plasma proteins, serum levels, functions of albumin, hypo protianemia       Charts, Short answers       Short answers         IV       6       Fortein synthesis       Demonstra tion of albumin, hypo protianemia       Charts, Short answers       Short answers         IV       6       Fortein synthesis       Demonstra tion of albumin, hypo protianemia       Short answers         IV       6       Fortein synthesis       Demonstra tion of albumin, hypo protianemia       Short answers         IV       6       Fortein synthesis       Demonstra tion of alboratory       Short answers         IV       Fitation and assimilation       -Fitation a				of ketone bodies,		
IV       6       Amino add starvation       • Investigations and their interpretations.         IV       6       Metabolism of Amino acids and Proteins • Classification of Amino acids and Proteins • Classification of Amino acids and Proteins • Classification of Amino acids and metabolic rate • Describe digestion and absorption of proteins • Formation and disposal of • Formation and disposal of • Plasma proteins, serum levels, functions of albumin, hypo protinaemia • Charts, • Metabolism of amino acids and proteins • Protein synthesis • Protein synthesis • Targeting and glycosylation • Electrophoresis       Explain tests.       Essay         V       6       • Proteins • Proteins • Proteins of albumin, hypo protinaemia • Charts, • Targeting and glycosylation • Electrophoresis       Demonstra tion of laboratory       Essay         • Sequencing • Metabolism of nitrogen • -Fixation and assimilation • -Urea cycle • Haemes and chlorophylls • Investigations and their       IV						
IV       6 <ul> <li>Investigations and their interpretations.</li> <li>Investigations and their interpretations.</li> </ul> IV       6 <ul> <li>Metabolism of Amino acids and Proteins <ul> <li>Classification of Amino acids and metabolic rate</li> <li>Describe digestion and absorption of proteins <ul> <li>Formation and disposal of albumin, hypo protinaemia of Aminoacids and Proteins</li> <li>Plasma proteins, serum levels, functions of albumin, hypo protinaemia of albumin, hypo protinaemia Protein synthesis Protein synthesis Protein synthesis <ul> <li>Protein synthesis</li> <li>Protein synthesis</li> <li>Chromatography</li> <li>Electrophoresis</li> <li>Ests.</li> </ul>            Very short              answers               using protinaemia of chromatography             laboratory               using proteins             electrophoresis             tests.               using proteins</li>             electrophoresis</ul></li>             tests.               using proteins</ul></li>             electrophoresis</ul></li>             tests.               using proteins</ul></li>             electrophoresis</ul></li>             testes. </ul> <						
IV       6       Interpretations.       Interpretations.         IV       6       Metabolism of Amino acids and Proteins • Classification of Amino acids-based on structure, nutritional status and metabolic rate       Lecture, discussion.         IV       6       Explain the metabolism of Aminoacids and Proteins.       • Plasma proteins, serum levels, functions of albumin, hypo protinaemia       Explain using charts, • Protein synthesis       Explain using charts, • Targeting and glycosylation • Chromatography       Explain using charts, • Short answers         IV       6       File       • Plasma proteins, • Protein synthesis       Explain using charts, • Short answers         • Protein synthesis       • Protein synthesis       • Demonstra tion of laboratory       Very short answers         • Sequencing • Metabolism of nitrogen • -Fixation and assimilation • -Urea cycle • Haemes and chlorophylls • Investigations and their       Interpretations.				and starvation		
IV       6       Metabolism of Amino acids and Proteins <ul> <li>Classification of Amino acids and Proteins</li> <li>Classification of Amino acids acids-based on structure, nutritional status and metabolic rate</li> <li>Describe digestion and absorption of proteins</li> <li>Formation and disposal of albumin, hypo protinaemia</li> <li>Metabolism of amino acids and proteins</li> <li>Formation and disposal of albumin, hypo protinaemia</li> <li>Metabolism of amino acids and proteins</li> <li>Formation and disposal of albumin, hypo protinaemia</li> <li>Metabolism of amino acids and proteins</li> <li>Protein synthesis</li> <li>Targeting and glycosylation</li> <li>Chormatography</li> <li>Electrophoresis</li> <li>Sequencing</li> <li>Metabolism of nitrogen</li> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>				<ul> <li>Investigations and their</li> </ul>		
IV       6       and Proteins - Classification of Amino acids-based on structure, nutritional status and metabolic rate         - Describe digestion and absorption of proteins - Formation and disposal of Ammonia         - Plasma proteins, serum levels, functions of albumin, hypo protinaemia         - Metabolism of amino of Aminoacids and Proteins.         - Protein synthesis         - Targeting and glycosylation - Chromatography         - Electrophoresis         - Targeting and glycosylation - Chromatography         - Electrophoresis         - Fixation and assimilation Urea cycle        Haemes and chlorophylls - Investigations and their         - Haemes and chlorophylls        Urea cycle				interpretations.		
IV       6       and Proteins - Classification of Amino acids-based on structure, nutritional status and metabolic rate         - Describe digestion and absorption of proteins - Formation and disposal of Ammonia         - Plasma proteins, serum levels, functions of albumin, hypo protinaemia         - Metabolism of amino of Aminoacids and Proteins.         - Protein synthesis         - Targeting and glycosylation - Chromatography         - Electrophoresis         - Targeting and glycosylation - Chromatography         - Electrophoresis         - Fixation and assimilation Urea cycle        Haemes and chlorophylls - Investigations and their         - Haemes and chlorophylls        Urea cycle						
IV6nutritional status and metabolic rateLecture, discussion.IV6Explain the metabolism of Aminoacids and Proteins.Plasma proteins, serum levels, functions of albumin, hypo protinaemia • Metabolism of amino acids and proteins • Protein synthesis • Protein synthesis • Protein synthesis • Sequencing • Metabolism of nitrogen • Fixation and assimilation • Urea cycle • Haemes and chlorophylls • Investigations and theirExplain Lecture, discussion. Explain Explain to f answers			, e. 5'	and Proteins	5.	
IV6metabolic rateLecture, discussion.IV6Explain the metabolism of Aminoacids and Proteins.Plasma proteins, serum levels, functions of albumin, hypo protinaemia • Metabolism of amino acids and proteins • Targeting and glycosylation • ChromatographyExplain texplain tion of tion of answersIV6Metabolism • Protein synthesis • Formation and disposal of acids and proteins • Metabolism of amino acids and proteins • Protein synthesis • Targeting and glycosylation • ChromatographyExplain texts.IV6Image: State of the synthesis • Protein synthesis • Protein synthesis • Targeting and glycosylation • ChromatographyExplain using • Charts, • Demonstra tion of tion of tion of answersImage: State of the synthesis • Protein synthesis • Protein synthesis • Targeting and glycosylation • ChromatographyVery short answersImage: State of the synthesis • Protein synthesis • Targeting and glycosylation • ChromatographyImage: State of the synthesis • Sequencing • Metabolism of nitrogen • Fixation and assimilation • Urea cycle • Haemes and chlorophylls • Investigations and their			× /	acids-based on structure,	10	
IV6- Describe digestion and absorption of proteins - Formation and disposal of AmmoniaLecture, discussion.Explain the metabolism of Aminoacids and Proteins Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum 		1.1		nutritional status and	1.2	
IV6- Describe digestion and absorption of proteins - Formation and disposal of AmmoniaLecture, discussion.Explain the metabolism of Aminoacids and Proteins Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Plasma proteins, serum levels, functions of albumin, hypo protinaemia - Metabolism of amino acids and proteinsExplain using charts,EssayIV6- Protein synthesis - Targeting and glycosylation - ChromatographyDemonstra tion of laboratoryVery short answersIII- Sequencing - Metabolism of nitrogen Fixation and assimilation - Urea cycle - Haemes and chlorophylls - Investigations and their- Haemes - Haemes- Haemes - Haemes - Haemes- Haemes - Haemes - Haemes - Haemes- Haemes - Haemes - Haemes - Haemes - Haemes- Haemes - Haemes		100		metabolic rate		
IV 6 Ammonia discussion. Explain the metabolism of albumin, hypo protinaemia charts, Short albumin, hypo protinaemia charts, Short answers acids and proteins of albumin, hypo albumin, hypo protinaemia charts, Short answers slides. Aminoacids and Proteins. Aminoacids and Proteins. Aminoacids and Proteins of albumin proteins of albumin proteins of albumin proteins of albumin proteins of albumin, hypo protinaemia charts, Short answers slides. Protein synthesis Demonstra tion of answers bildes. Chromatography laboratory tests. Sequencing Metabolism of nitrogen -Fixation and assimilation -Urea cycle -Haemes and chlorophylls Investigations and their		2		absorption of proteins		0
IV6Plasma proteins, serum levels, functions of albumin, hypo protinaemiaExplain using using charts,EssayIV6of Aminoacids and Proteins Plasma proteins, serum levels, functions of albumin, hypo protinaemiaExplain using using charts,EssayIV6of Aminoacids and Proteins Plasma proteins, serum levels, functions of albumin, hypo protinaemiaExplain using using charts,Short answersAminoacids and Proteins Protein synthesis - Targeting and glycosylation - ChromatographyDemonstra tion of answersVery short answers- Electrophoresistests Sequencing - Fixation and assimilation - Urea cycle - Haemes and chlorophylls - Investigations and their					Lecture,	· · ·
IV 6 Explain the metabolism of albumin, hypo protinaemia charts, Short models answers slides. Aminoacids and Proteins. Protein synthesis of tion of glycosylation of Chromatography laboratory is Electrophoresis tests. Sequencing Metabolism of nitrogen -Fixation and assimilation -Urea cycle -Haemes and chlorophylls of the strest of the synthesis of the synthesynthesis of the synthesynthesis of the synthesis of		1		Ammonia	discussion.	
IV6Explain the metabolism of Aminoacids and Proteins.albumin, hypo protinaemia . Metabolism of amino 	-	£			Explain	Essay
IV       6       of       Aminoacids       • Metabolism of amino       models       answers         and Proteins.       • Protein synthesis       Demonstra       Very short         • Targeting and       glycosylation       • Chromatography       laboratory         • Electrophoresis       tests.       • Sequencing         • Metabolism of nitrogen       • Fixation and assimilation       • Urea cycle         • Haemes and chlorophylls       • Investigations and their       • Investigations and their		10	Ex <mark>plain the</mark>		using	
IV       6       of       acids and proteins       models       answers         Aminoacids       and Proteins.       Protein synthesis       Demonstra       Very short         and Proteins.       Targeting and       glycosylation       Idooratory       Idooratory         Electrophoresis       tests.       Sequencing       Metabolism of nitrogen       -Fixation and assimilation         -Fixation and assimilation       -Urea cycle       -Haemes and chlorophylls       Investigations and their       Idooratory		esh.	m <mark>etabolism</mark>	-	charts,	Short
Aminoacids and Proteins.Protein synthesisSlides.and Proteins Targeting and glycosylation • ChromatographyDemonstra tion of laboratoryVery short answers• Electrophoresistests.• Sequencing • Metabolism of nitrogen • -Fixation and assimilation • -Urea cycle • Haemes and chlorophylls • Investigations and their- Haemes and their	IV	6	of		models	answers
and Proteins.Targeting and glycosylation • ChromatographyDemonstra tion of laboratoryVery short answers• Electrophoresistests.• Sequencing • Metabolism of nitrogen • -Fixation and assimilation • -Urea cycle • Haemes and chlorophylls • Investigations and their-			Amino <mark>acids</mark>	acids and proteins	slides.	
glycosylation       tion of       answers         ellocation       ellocatory       laboratory         ellocation       ellocation       tests.         ellocation       ellocation       ellocation			and Proteins.	Protein synthesis	Demonstra	Very short
<ul> <li>Chromatography</li> <li>Electrophoresis</li> <li>Sequencing</li> <li>Metabolism of nitrogen</li> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>				0 0	tion of	answers
<ul> <li>Electrophoresis tests.</li> <li>Sequencing</li> <li>Metabolism of nitrogen</li> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>			संच			
<ul> <li>Sequencing</li> <li>Metabolism of nitrogen</li> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>		1				
<ul> <li>Metabolism of nitrogen</li> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>		_				
<ul> <li>-Fixation and assimilation</li> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>						
<ul> <li>-Urea cycle</li> <li>-Haemes and chlorophylls</li> <li>Investigations and their</li> </ul>				_		
<ul><li>-Haemes and chlorophylls</li><li>Investigations and their</li></ul>						
<ul> <li>Investigations and their</li> </ul>				<ul> <li>-Urea cycle</li> </ul>		
				<ul> <li>-Haemes and chlorophylls</li> </ul>		
interpretations				<ul> <li>Investigations and their</li> </ul>		
				interpretations		

			Clinical Enzymology	Lecture,	Essay
		Explain	<ul> <li>Clinical Enzymology</li> </ul>	discussion.	Short
v	2	clinical	<ul> <li>Investigations and their</li> </ul>	Explain using	answers
		enzymology	interpretations	charts,	Very short
				models slides.	answers
			Vitamins and minerals		
			• Dietary sources,		
		a. 5 '	biochemical functions and	ė-	
		6	deficiency manifestations	4.	
			of fat soluble vitamins	- C ,	
	20		<ul> <li>Dietary sources,</li> </ul>		
	25	Explain the	biochemical functions and		
		types,	deficiency manifestations	Lecture,	Essay
-	τ	functions,	of water soluble vitamins	discussion.	0
	1	sources and	Minerals -dietary	Explain	Short
VI	5	defi <mark>ciency</mark>	sources, functional	using	answers
	10	manifestation	importance and altered	charts,	
	cak -	s <mark>of vitamins</mark>	levels of iron and calcium	models	Very short
	4	and minerals	• Dietary sources,	slides	answers
			functional importance	69	
			and altered levels of		
		मार्थ	copper, fluorine, sodium	R :	
			and potassium		
			<ul> <li>Investigations and their</li> </ul>		
			interpretations		
			Acid Base balance	Lecture,	Short
			<ul> <li>PH, buffers and Acid Base</li> </ul>	Discussion.	answers
VII	2	Explain Acid	disorders	Explain using	
		Base balance	<ul> <li>Investigations and their</li> </ul>	charts,	Very short
			interpretations	models slides	answers
		1		ļ	

			Function Tests	Lecture,	
			<ul> <li>LFT(briefly describe the</li> </ul>	discussion.	Short
		Explain	important tests)	Explain	answers
VIII	4	different	• RFT-Urea , S. Creatinine,	using	
		function tests	urine examination.	charts,	Very short
			(briefly describe the	models	answers
			important tests)	slides	
		- Q	Haemoglobin	Lecture,	
		Describe the	<ul> <li>Catabolism of</li> </ul>	discussion.	Short
	-	Describe the metabolism	haemoglobin	Explain	answers
IX	2	of	<ul> <li>Biochemical basis of</li> </ul>	using	
	3	Haemoglobin	jaundice.	charts,	Very short
		паетновгорит		models	answers
-	ť -		and the second	slides	0
			Immunochemistry		120
-	£		• Structure and functions of		
	-1C		immunoglobulin		
	12		Immune Response		3
	-		Mechanism of antibody	Locturo	7
			production	Lecture,	Short
		Describe the	• Antigens- HLA Typing	discussion. Explain	Short
x	2	immunochem	• Free radicals and	- F	answers
^	2		antioxidants	using charts,	Very short
	1	istry	<ul> <li>Electrophoretic and</li> </ul>	models	-
			quantitative	slides	answers
			determination of	311025	
			immunoglobulins-ELISA		
			<ul> <li>Investigations and their</li> </ul>		
			interpretations.		

### References

- Vasudevan D M & Sreekmar S. Text Book of Biochemistry, Jaypee.
- Satyanarayanan, Essentials of Biochemistry. Kolkata, Books& Allied (P) Ltd.
- Dr. Ramakrishnan S & Dr. Angayarkanni N. Basis in Biochemistry for Professional Nursing. Chennai, B I Publications Ltd.
- Puri D . Text Book of Medical Biochemistry, New Delhi, Elsevier.
- Nelson D I. Lehingea Principles & Biochemistry. New York, Premier & Company.

# PSYCHOLOGY

# Placement –I Year

Theory (In hours) -60

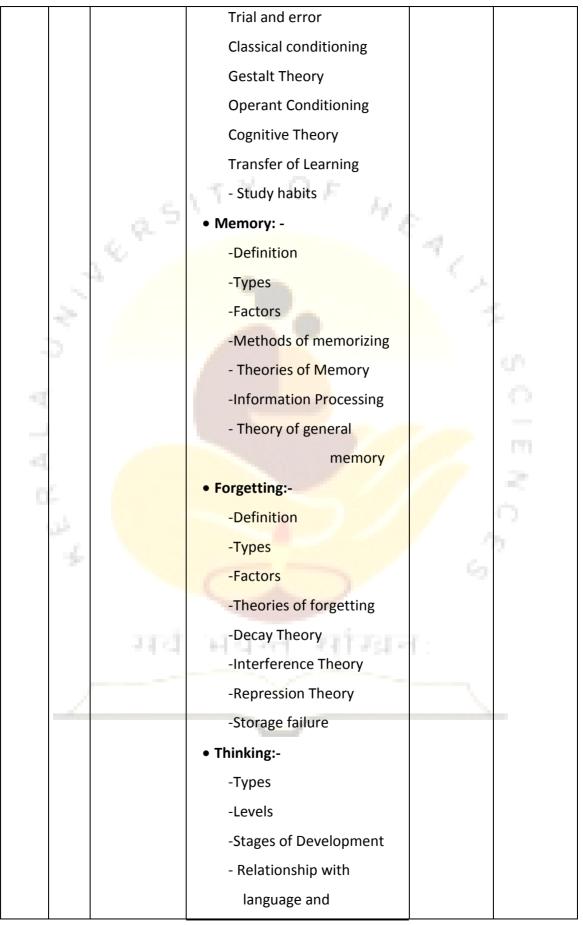
# **Course Description:**

This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behavior of self and others.

Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Unit	Tim e (Hr s)	Learning Objectives	Content	Teaching Learning activities	Assess ment Methods
1	3	Describe the history, scope and methods of psychology	Introduction: • History of psychology. • Definitions & Scope of • Psychology • Branches of psychology • Methods of Psychology • Relevance of psychology in nursing.	Lecture, discussion	Short answers Very short answers
11	6	Explain the biology of - Human behavior	<ul> <li>Biology of behavior</li> <li>Body mind relationship</li> <li>Heredity and environment.</li> <li>Brain and behavior: Nervous</li> </ul>	Lecture, discussion	Essay Short answers

			System, Neurons and		Very short
			synapse.		answers
			Association Cortex, Rt. and		
			Lt.Hemispheres.		
			<ul> <li>Psychology of Sensations.</li> </ul>		
			<ul> <li>Muscular and glandular</li> </ul>		
			controls of behavior.		
		- Q. 7	Nature of behavior of an		
		S. 1	<ul> <li>Organism/Integrated</li> </ul>	37	
		4	responses	12	
	4				
	5	Describe	Cognitive processes		
		various	• Attention:-		9.°
-1		cognitive	- Definition		0
		processes	-Types		171
- 4		and	-determinants		-
- 0		th <mark>eir</mark>	-Span of attention	Lecture	
	de.	ap <mark>plications</mark>	- Shifting of attention	Discussion	1.1
	÷		- Distraction.		Essay
			Perception: -	Psychome	
ш	20		- Definition	tric	Short
		- मर्च	-Principles	assessme	answers
			-Factors	nt-	
	1		- Errors in perception.	Practice	Very short
			• Learning: -	Sessions	answers
			-Nature		
			-Types		
			- Factors		
			- Laws		
			-Theories of learning		



		[			[]
			communication		
			<ul> <li>Intelligence:-</li> </ul>		
			-Definition		
			- Classification		
			-Theories of Intelligence		
			-Monarchic Theory		
			-Multifactor Theory		
		- Q. 7	-Two factor theory	-	
		S. 1	-Group factor theory	7	
	1	4	-Multiple intelligence	1.2	
	20		theory		<u></u>
	5		-Intelligence Quotient		
			• Aptitude:-		02
- <			- Definition		0
			-Concept		
			-Types		1.11
			-Individual differences and		-5
	ah -		variability.		0
	-6-		<ul> <li>Psychometric assessment of</li> </ul>		5
			cognitive processes	69	
		. Describe	Motivation, emotions & stress		
		motivation	Motivation:	Lecture	
		emotions,	-Meaning	Discussion	Essay
	1	stress and	-Need, Motives, Drive	Role plays	LUUUY
		their	- Types	Case	Short
IV	8	influence	- Theories of motivation	Discussion	answers
		on behavior	-Drive Theory	Demonstr	
			-Instinct Theory	ation	Very short
			-Incentive Theory		answers
			-Hierarchy Theory		
			-Goal oriented Theory		

r					
			-Motives and behavior		
			-Conflicts and frustration		
			-Conflict resolution.		
			• Emotion:-		
			- Definition		
			-Components		
			-Theories of emotion		
		- Q. <sup>22</sup>	-James Lang Theory	-	
		S	-Cannon Bard Theory	7	
	1	-	-Schacher Singer Theory	1.2	
	÷.		- Lazarus Theory		<u></u>
	5		-Emotions in health and		
			illness, alterations		(P
			-Changes in emotions		0
			• Stress:		
			-Stressors		111
			- Cycle		-
			-Effect		Ô
	. L.		-Adaptation & Coping		5
			<ul> <li>Psychometric assessment of</li> </ul>	69	
			emotions (briefly).		
		Explain the	Personality and Attitude	1.	
		concepts of	<ul> <li>Personality:-</li> </ul>		
	1	personality	-Definitions	Lecture,	Essay
	-	and attitude	-Topography	Discussion	
	-	&	-Types	,	Short
V	7	their	- Theories of personality	Demonstr	answers
		influence on	-Type Theory	ation.	
		behavior	-Trait Theory		Very short
			-Psycho analytical theory		answers
			-Erickson's Psychosocial		
L					

			Development theory		
			-Self theory		
			-Learning Theories of		
			Personality		
			-development of		
			personality,		
			• Attitude:-		
		. e. <sup>2</sup>	-Definition		
		Sec. 1	-Nature	7	
	1	-	-Development	1.2	
	10		-Factors affecting		
	5		behavior and attitudes		
			-Attitudinal change.		01
			-Psychometric assessment		0
			of attitudes (briefly).		
-					- m
		De <mark>scribe</mark>	Developmental Psychology		2
		psychology	• Psychology of people at		Ó.
		of	different ages from infancy	Lecture,	b
		people	to old age.	discussion	Short
VI	4	during	<ul> <li>Psychology of vulnerable</li> </ul>		answers
		the life	<ul> <li>individuals – challenged,</li> </ul>		
		cycle	women, sick.	Case	Very short
		cycle		discussion	answers
	4		<ul> <li>Psychology of groups</li> </ul>		
		Describe	Mental hygiene and mental		
		the	Health		Essay
VII		Characterist	Definition& Concepts of	Lecture	
	8	ic of	mental hygiene and mental		Short
		Mentally	health.	Discussion	
		healthy			answers
1		neariny	<ul> <li>Characteristics of mentally</li> </ul>		

		person	healthy person.		Very short
			<ul> <li>Warning signs of poor</li> </ul>		answers
		Explain ego	mental health.		
		defense	<ul> <li>Promotive and Preventive</li> </ul>		
		mechanisms	mental health-strategies		
			and services.		
			• Ego defense mechanisms		
		5	and its implications.	-	
		6	<ul> <li>Personal and social</li> </ul>	4	
		1	adjustments.	- C	
	5		<ul> <li>Guidance and counseling.</li> </ul>		
	2		Role of nurse in mental		
			health		01
			Contraction of the second		0
-			Psychological assessment &		
			tests.		- m
			• Types of tests & their	1	-2
	4		interpretations		Ċ,
	1		-Projective test,	1	7
		Explain the	- Intelligence test,	69	
		psychologic	-Personality Test,	Lecture	Short
	_	al	- Attitude Test,	Discussion	answers
VIII	4	assessment	-Aptitude Test,	- ··	
	1	s and	-Achievement Test	Practice	Very short
		role of	<ul> <li>Characteristics of a good</li> </ul>	Sessions	answers
		nurse	test		
			-Uses of tests		
			-Role of nurse in		
			psychological assessment		
	1	1		1	I]

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- Dr. Balachandran M. Psychology for Nursing Students, Thiruvananthapuram, Maanas Publishers.
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- A B Kutty, Psychology for BSc Nursing, PHI learning, New Delhi,2013

## **NURSING FOUNDATIONS**

Placement – I year

Theory (In hours) -465 (Class hours-265+ Lab hours -200) Practical (Clinical hours) - 450

### **Course Description:**

This course is designed to help the students to develop an understanding of the Nursing Profession, philosophy, objectives, theories and application of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical settings.

Unit	Time	Learning Objectives	Content	Teaching Learning Activities	Assess ment Methods
		Describe the	Introduction:	Lecture	
	10	concept of	• Health & Illness		Short
'	10	health, illness	- Definition	Discussion	answers
		and health	- Concept		

		care	Health illness continuum		very
		agencies	<ul> <li>Factors influencing health</li> </ul>	Visit to	short
			<ul> <li>Causes &amp; risk factors of illness</li> </ul>	health	answers
			<ul> <li>Illness behavior</li> </ul>	care	
			<ul> <li>Impact of illness on patient</li> </ul>	agencies	
			and family		
			<ul> <li>Health care services</li> </ul>		
		0.7	- Health promotion		
		1.60	- Levels of prevention	9	
		4	<ul> <li>Health care agencies:</li> </ul>	1.2	
	-21		<ul> <li>hospitals – types, organization</li> </ul>	- 5	
	0		and functions		
			• Health care team		
	1	-Explain	Nursing as a profession		
		concept and	• Nursing: -		
	45	scop <mark>e of</mark>	-Definition		
	-13	nur <mark>sing</mark>	-Philosophy	/ i	
	1.25		-Objectives	Lecture	
	- 5	-Desc <mark>ribe</mark>	-Characteristics	Lecture	Short
		values, code	-Scope of nursing practice	Discussion	answers
		of ethics and	<ul> <li>-Functions of nurse</li> </ul>	Discussion	answers
П	15	professional	<ul> <li>-Qualities of a nurse</li> </ul>	Case	very
		conduct for	<ul> <li>-Categories of nursing</li> </ul>	discussion	short
	-4	nurses in	personnel		answers
		India	<ul> <li>Definition and characteristics</li> </ul>	Role plays	
			of profession	. ,	
			<ul> <li>Nursing as a profession</li> </ul>		
			<ul> <li>Values: Definition, types,</li> </ul>		
			values in professional nursing		
			• Ethics: Definition, ethical		

			principles, Nursing code of		
			ethics		
			<ul> <li>History of nursing in India</li> </ul>		
		Explain the	Conceptual and theoretical		
		basic	models in nursing practice		
		concepts of	<ul> <li>Introduction to models:-</li> </ul>		
		conceptual	• -Holistic model		
		and	-Health belief model		
		theoretical	<ul> <li>Health promotion model</li> </ul>	9	Short
		models of	<ul> <li>-Maslow's hierarchy of needs</li> </ul>	Lecture	Answers
	10	nursing	<ul> <li>Introduction to theories in</li> </ul>	5	
111	5		Nursing:Florence Nightingale	Discussion	Very
			environmental theory	4	short
	× .		<ul> <li>-Orem's general theory of</li> </ul>		answers
	. I.		nursing		
	ď. –		<ul> <li>Peplau's theory of</li> </ul>		
	-10		interpersonal relationship	· · ·	C
	140		• - Henderson's definition of		0
			nursing		
		Communicate	Communication and	Lecture	
		effectively	nurse patient relationship		Essay
		with patient	Communication	Discussion	
		families and	-Definition		Short
		team	- Levels	Role play	answers
IV	10	members and	- Elements		
		maintain	- Types	Video film	very
		effective	-Factors influencing	on	short
		human	communication	nurses	answers
		relations	-Methods of effective	interactin	
		projecting	communication	g	
		projecting	communication	g	

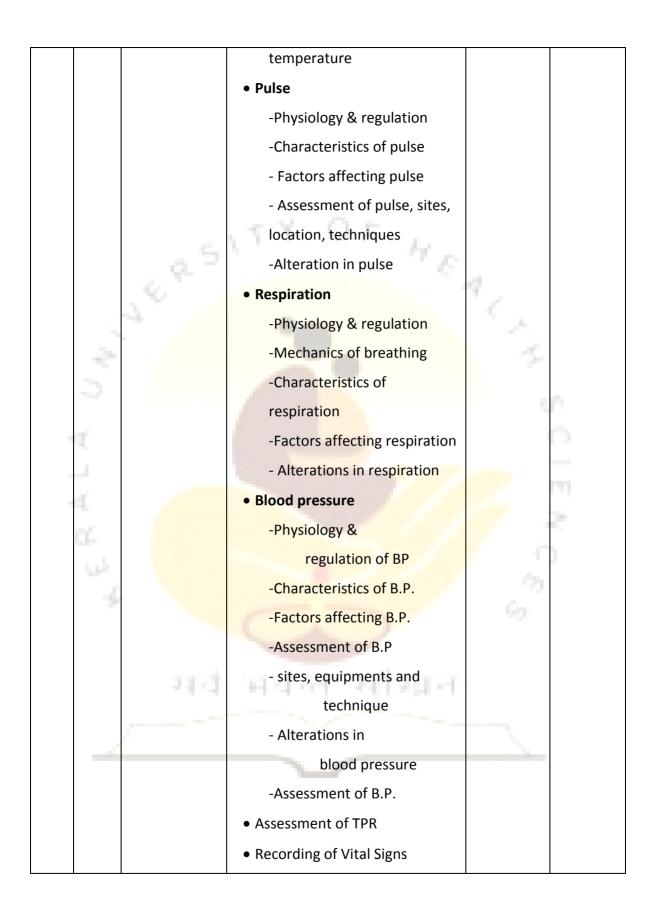
		professional	Attending skills, rapport	with the	
			-Attending skills, rapport		
		image	building skills, empathy skills	patient	
			-Barriers to effective		
		Appreciate	communication	Practice	
		the	<ul> <li>Helping relationships (NPR)</li> </ul>	session on	
		importance	-Definition	patient	
		of patient	-Goals	teaching	
		teaching in	-Phases of a helping		
		nursing	relationship (NPR)	Supervise	
		4	<ul> <li>Patient teaching:-</li> </ul>	d	
	1.20		- purpose,	clinical	
	-		- principles,	practice	
			- role of nurse		P
	₹	Describe	Health assessment		0
		purpose and	-Purposes		
	4	proces <mark>s of</mark>	-Process of health	Lecture	
	eć.	hea <mark>lth</mark>	assessment:		2
	1.1	assessment	-Health history, physical	Discussion	Structure
	1		examination		d essay
		Describe the	-Methods :	Demonstr	
		health	- inspection,	ation	Short
		assessment	-palpation,		answers
V	30	of each body	- percussion,	Practice	
		system	- auscultation,	on	very
	-		- olfaction.	simulators	short
		Explain the	<ul> <li>Preparation of patient and unit</li> </ul>		answers
		concept,	for physical examination	Supervise	
		uses, format	<ul> <li>Nursing process</li> </ul>	d	
		and steps of	• The nursing process:-	clinical	
		nursing	- Overview	practice	
		process	-Definition		

-			r
		-Steps of Nursing Process	
	Documents	Assessment:-	
	nursing	- Collection of Data –	
	process as	- types, sources, methods,	
	per the	- Formulating nursing	
	format	judgment,	
		- Data Interpretation	
	. e. ?	Nursing diagnosis:-	
	. S	- Identification of client	8
	4	problems,	1 x 1
		-Nursing diagnosis	- 5
3		statement,	
		- Differ <mark>ence be</mark> tween	92
10		medical and nursing	0
		diagnosis.	
- 1		• Planning :-	
-10		- Establishing Priorities,	- F
1.5		- Establishing Goals and	
-4		- Expected outcomes.	_m
		- Selection of interventions,	5-2
		- Protocols	
	- मार्च	- standing Orders,	
		- Writing Nursing Care Plan	
		<ul> <li>Implementation:</li> </ul>	
		-Implementing the	
		plan of care.	
		• Evaluation :	
		-Outcome of care	
		-Review and Modify	
		<ul> <li>Documentation and Reporting</li> </ul>	
II	1		L]

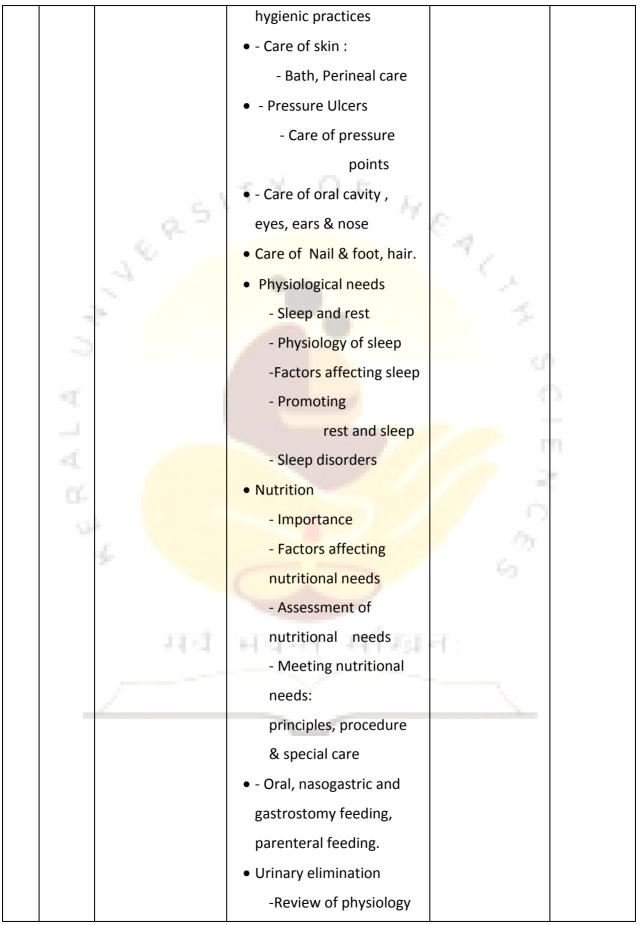
		Describe the	Documentation and Reporting		
		purposes,	<ul> <li>Documentation :-</li> </ul>		
		types	-Purposes of		
		and	recording & reporting	Lecture	
		techniques of	- General guidelines	Lecture	
		recording and	for recording	Discussion	
		reporting	-Types of	DISCUSSION	Essay
		. e. "	documentation system	Demonstr	
		. V.	- Computerized	ation	Short
VI	5	7	documentation	ation	answers
			-Common	Practice	
	5		record keeping forms	session	very
			<ul> <li>Reporting:-</li> </ul>	50551011	short
	C		-Change of shift reports,	Supervise	answers
			-transfer reports,	d	
	<		-telephone report and	clinical	
	-10		-incident reports.	practice	
	40		Minimizing legal liability		0
			through effective record		
			keeping.		
		Explain the	Hospital admission and discharge	Lecture	
		admission &	<ul> <li>Admission to the hospital :</li> </ul>		Essay
		discharge	-Purposes	Discussion	
		procedure	-Types	<u> </u>	Short
		Performs	- Unit & its preparation	Demonstr	answers
VII	5	admission &	- admission procedure	ation	
		discharge	- Medico legal issues.		very
		procedure	<ul> <li>Discharge from the hospital:</li> </ul>	Lab	short
			-DAMA & abscond,	Practice	answers
			- referrals & transfers		
			-Discharge planning	Supervise	

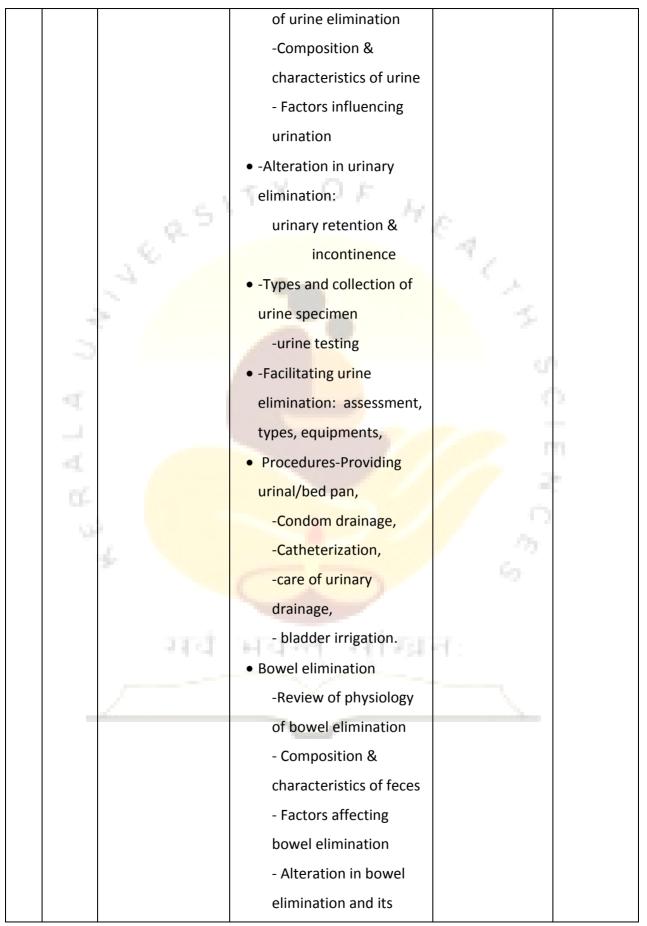
			-Discharge procedure	d	
			-Care of the unit after	clinical	
			discharge	practice	
			-Medico-legal issues		
		Describe	Infection control and waste		
		principles	management		
		and	Infection control		
		techniques	- Nature of infection,		
		for	-chain of infection,	4	
		infection	-methods of transmission,	< <u>,</u> .	
		control	-Body defenses against	Lecture	
	1	and	infection	Lecture	
	-	biomedical	• Types of infection	Discussion	P
	× .	waste	-Nosocomial infection		0
		management	• Asepsis: concepts,	Demonstr	Essay
	ď -	in	- medical and surgical	ation	
	1	Sup <mark>ervised</mark>	asepsis,	<b>7</b>	Short
VIII	20	Clin <mark>ical</mark>	-barrier methods	Practice	answers
	1	settings	Hand washing-	session	
			-Medical and surgical	62	very
			<ul> <li>Isolation: Source &amp; protective</li> </ul>	Supervise	short
		1124	<ul> <li>Personal protective</li> </ul>	d	answers
			equipments –	Clinical	
			- types, uses,	practice	
	-		- techniques of wearing		
			& removal		
			<ul> <li>Decontamination of</li> </ul>		
			equipment and unit		
			<ul> <li>Transportation of infected</li> </ul>		
			patients		
			<ul> <li>Universal safety precautions-</li> </ul>		
L	L	I	57	I	

			at a set of the set		
			standard precautions and		
			transmission based		
			precautions		
			<ul> <li>Biomedical waste</li> </ul>		
			management		
			- Importance		
			- Types of hospital waste		
		0.7	- Hazards associated with		
		1.61	hospital waste	9	
		4	- Decontamination of	1 . A.	
	1.20		hospital waste	5	
	5		- Segregation, transportation		
			a <mark>nd disp</mark> osal	( )	P
	<		- Hospital infection control		0
	L		committee-		
	d.		Nurse's role.		m
	e6 -	Des <mark>cribe</mark>	Vial signs	Lecture	
			0	Lecture	
	and a	prin <mark>ciples</mark>	<ul> <li>Guidelines for taking vital signs</li> </ul>	Lecture	5
	1	prin <mark>ciples</mark> and		Discussion	5
	3		Guidelines for taking vital signs	1	
	3	and	Guidelines for taking vital signs     - Principles	1	Essay
	3 %	and techniques of	<ul> <li>Guidelines for taking vital signs</li> <li>Principles</li> <li>Body temperature</li> </ul>	Discussion	
	3.3	and techniques of monitoring	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> </ul> </li> </ul>	Discussion Demonstr	Short
IX	30	and techniques of monitoring and	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> </ul> </li> </ul>	Discussion Demonstr	
іх	30	and techniques of monitoring and maintaining	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> </ul> </li> </ul>	Discussion Demonstr ation	Short answers
іх	30	and techniques of monitoring and maintaining vital	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> <li>Sites, equipments,</li> </ul> </li> </ul>	Discussion Demonstr ation Practice	Short answers very
IX	30	and techniques of monitoring and maintaining vital	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> <li>Sites, equipments,</li> <li>techniques &amp; special</li> </ul> </li> </ul>	Discussion Demonstr ation Practice	Short answers very short
IX	30	and techniques of monitoring and maintaining vital signs	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> <li>Sites, equipments,</li> <li>techniques &amp; special</li> <li>consideration</li> </ul> </li> </ul>	Discussion Demonstr ation Practice	Short answers very
IX	30	and techniques of monitoring and maintaining vital signs Monitor and	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> <li>Sites, equipments,</li> <li>techniques &amp; special</li> <li>consideration</li> <li>Temperature alterations:-</li> </ul> </li> </ul>	Discussion Demonstr ation Practice session	Short answers very short
IX	30	and techniques of monitoring and maintaining vital signs Monitor and maintain vital	<ul> <li>Guidelines for taking vital signs <ul> <li>Principles</li> </ul> </li> <li>Body temperature <ul> <li>Physiology,</li> <li>regulation &amp; factors</li> <li>affecting body temperature</li> <li>Sites, equipments,</li> <li>techniques &amp; special</li> <li>consideration</li> <li>Temperature alterations:-</li> <li>Hyperthermia,</li> </ul> </li> </ul>	Discussion Demonstr ation Practice session Supervise	Short answers very short
IX	30	and techniques of monitoring and maintaining vital signs Monitor and maintain vital	<ul> <li>Guidelines for taking vital signs         <ul> <li>Principles</li> </ul> </li> <li>Body temperature             <ul></ul></li></ul>	Discussion Demonstr ation Practice session Supervise d	Short answers very short

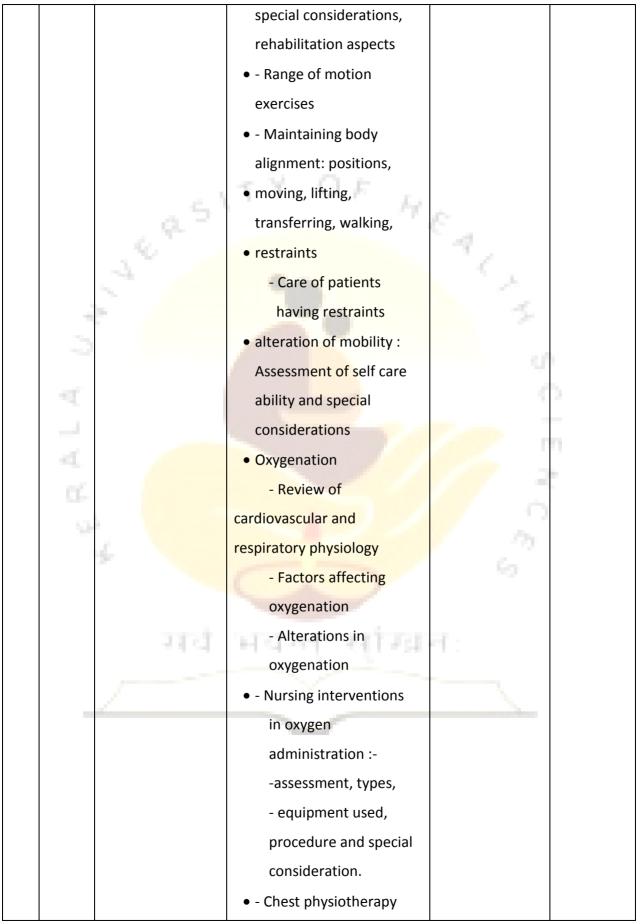


		Describe the	Meeting needs of patients		
		basic	Basic needs		
		physiological and	<ul> <li>Activities of daily living</li> </ul>		
		psychological	<ul> <li>-Provide safe and clean</li> </ul>		
		needs of the	environment: -		
		patient	therapeutic environment		
			-Physical environment:	Lecture	
		Describe the 🕤	temperature, humidity,		
		principles and	noise, ventilation, light,	Discussion	
		techniques for	odour, pest control	Discussion	
		meeting basic,	<ul> <li>Reduction of physical</li> </ul>	-Demonstration	
		physiological and	hazards, fire, accidents	of sponge bath,	Essay
		psychosocial	• - Role of a nurse in	back care, nail	Loody
		needs of patient	providing safe and clean	care, foot care	Short
			environment.	and hair care	answers
X	60	Perform nursing	-Patient environment :	Demonstration	
		assessment, plan,	room, equipment and	of mouth care	very short
	- CL	implement and	linen	0	answers
		evalua <mark>te the care</mark>	• - Making patients' beds:	Practice	
		for meeting, basic	• Types of beds	sessions	
		physiological and	and bed making.		
		psychosocial	Comfort& Safety	Supervised	
		needs of patient	<ul> <li>- Factors influencing</li> </ul>	Clinical	
			comfort	Practice	
		/	- Comfort devices		
			- Safety devices-		
			restraints, side rails,		
			airways .		
			-		
			Hygiene     Eastors influencing		
			<ul> <li>Factors influencing</li> </ul>		









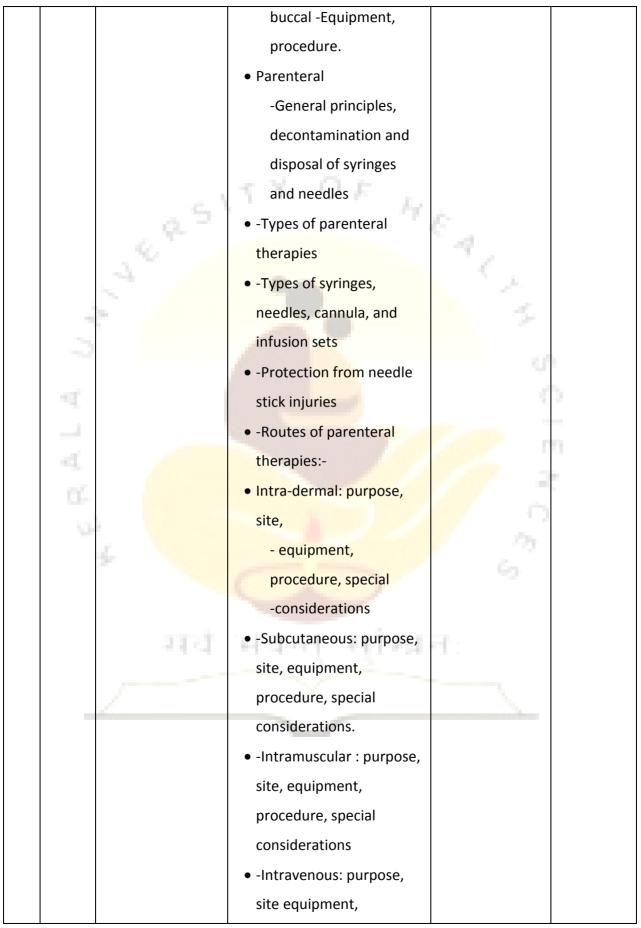


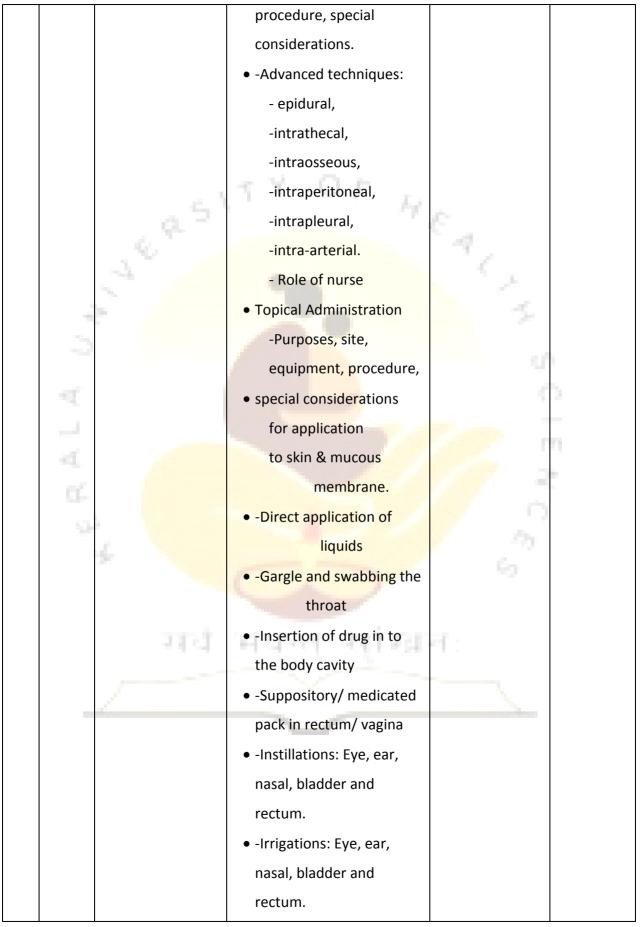


			assessment & nursing		
			management.		
			management.		
		Explain the	Therapeutic use of heat and		
		general	cold applications		
		principles of	-General principles	Lecture	
		heat & cold	- Effect on the body	Discussion	Essay
		applications	<ul> <li>Hot applications:</li> </ul>	Demonstration	
			- Hot water bag	Practice	Short
XI	5	Demonstrate	-Infra red therapy	sessions	answers
	-	procedures of	-Fomentation	Supervised	
		hot an <mark>d cold</mark>	- sitz bath	Clinical	very short
		applications	• Cold app <mark>lication</mark> s: –	Practice	answers
			-Cold compress	C	2
			-lce cap	1	
			- Tepid sponge		
	- CL-	Explain the	Administration of		
		princip <mark>les, routes</mark>	Medications	- 1º	
		and e <mark>ffects of</mark>	General principles/		
		administration of	considerations	Lecture	Essay
		medications.	<ul> <li>-Purposes of medication,</li> </ul>	Discussion	
		मार्थ	principles, rights, special	Demonstration	Short
		Calculate	considerations,	Practice	answers
XII	40	conversions of	prescriptions.	sessions	
		drugs dosages	<ul> <li>Safety in administering</li> </ul>	Supervised	very short
		within and	medications	Clinical	answers
		between system	<ul> <li>Medication errors.</li> </ul>	Practice	
		of	• Drug forms		
		measurements.	Routes of administration		
1			<ul> <li>Storage and maintenance</li> </ul>		

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	Administer drugs	of drugs and nurses	
	by the following	responsibility,	
	routes-Oral,	<ul> <li>Broad classification of</li> </ul>	
	Intradermal,	drugs	
	Subcutaneous,	• -Therapeutic effect, side	
	Intramuscular,	effects, toxic effects,	
	Intra Venous,	idiosyncratic reactions,	
	Topical and	allergic reactions, drug	6
	Inhalation	tolerance, drug	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	~	interactions.	1.2
-	-	<ul> <li>Factors influencing drug</li> </ul>	- 5-
		actions	
		Systems of drug	9
$\sim$		measurement:	0
		- metric system,	
~		apothecary system,	
C. C		- house hold	// 3
		measurements,	0
	4	-solutions.	1 12
		Converting measurement	69
		units: conversion within	
	गार्थ	one system, conversion	- 1 - 1 -
		between systems, dosage	
		calculation.	
-		<ul> <li>Terminologies and</li> </ul>	
		abbreviations used in	
		prescriptions of	
		medications	
		• Oral drug	
		administration:	
		-Oral, sublingual and	
		68	

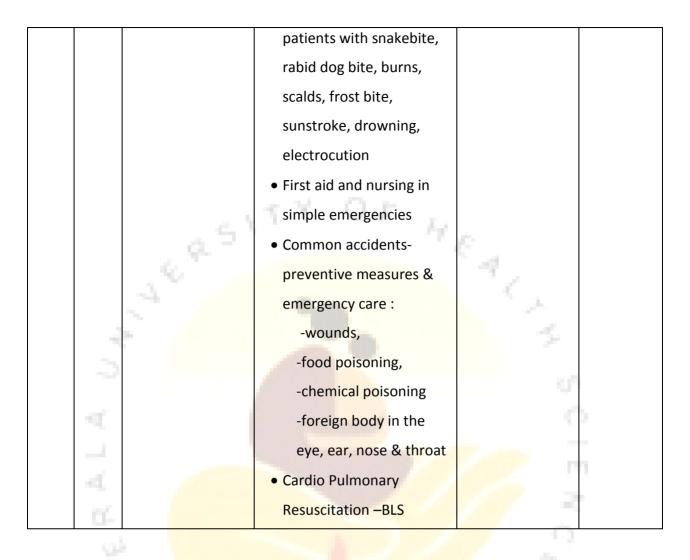




		of nurse in rehabilitation	भवन्त् साम्ब	n' :	
		Discuss the role	rehabilitation		Туре
		types	-Role of nurse in	60	Objective
XIII	5	principl <mark>es and</mark>	• -Types of rehabilitation	Lecture Discussion	
		conce <mark>pts,</mark>	rehabilitation		
	11	Explain the	-Concepts of		Answers
	-1		rehabilitation		Short
		rehabilitation	-Definition of	-	
	-12	Define	Rehabilitation	-	
			of medications administered.	0	
	-		-Recording and reporting	1	
		2	-Nebulization	1×.	
		19	considerations.	en,	
		0. S	procedure, special		
			types, equipment,		
			(steam, oxygen and medications) : purpose,		
			endotracheal / tracheal		
			<ul> <li>Inhalation: nasal, oral,</li> </ul>		
			throat		
			<ul> <li>-Spraying-nose and</li> </ul>		

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xW         20         patient         Lecture           i         Concepts of loss, grief         Lecture           i         Signs of clinical death         Discussion           i         Considerations.         Case         Short           i         Advance directives:         Discussion/Ro         answers           i         euthanasia, will, dying         Le Play         answers           patient         declaration, organ         Practice Session         answers           i         Advonce directives:         Clinical         answers           i         Medico-legal issues         Clinical         naswers           i         -equipment, procedure         Practice         answers           i         Autopsy         i         Explain the         principles of first           principles of first         id and         id and         Qualities of a first aider         Lecture           i         Preparation of         Discussion         answers         answers           and slings.         Discussion         Demonstration         answers           i         Application of bandages         answers         answers           i         Short         Short         answers				Care of Terminally ill		
XIV5Signs of clinical death • Care of dying : Special • Considerations.Discussion DemonstrationXIV5Explain care of terminally ill patient• Advance directives: • Advance directives: • Advance directives: • euthanasia, will, dying declaration, organ • Medico- legal issues • Care of body after death • equipment, procedure and care of unit • Autopsy • EmbalmingPractice Session PracticeShort answers answersXIV20Explain the principles of first aid and demonstrate application of different types of bandagesFirst Aid Nursing • Definition • Qualities of a first aider • Application of bandages and silngs. • Shifting of patients withLecture Discussion PracticeShort answersXIV20Explain the principles of first aid and demonstrate application of different types of bandagesFirst Aid Nursing • Definition • Application of bandages and slings. • Shifting of patients with • Spine dislocation • Padding and splinting fractured limbs • First aid measures and antidotes in Poisoning:Discussion • Practice						
<ul> <li>xiv 5</li> <li>xiv 6</li> <li>xiv 6</li> <li>xiv 6</li> <li>xiv 6</li> <li>xiv 6</li> <li>xiv 6</li> <li>xiv 7</li> <li></li></ul>				<ul> <li>Concepts of loss, grief</li> </ul>	Lecture	
XIV5Explain care of terminally ill patient• Considerations.Case Discussion/Ro Ue Play Practice Session SupervisedShort answersXIV5Explain care of terminally ill patient• Advance directives: euthanasia, will, dying declaration, organ • Medico-legal issues • Care of body after death - equipment, procedure and care of unit • Autopsy • EmbalmingClinical Practicevery short answersXIV70First Aid Nursing • Definition • Definition • Definition • Application of equipment • Definition • Application of bandages • Shifting of patients with • Practice • Preparation • Shifting of patients with • Play • Practice • Definition • PracticeShort answersXV20Explain the principles of first aid and demonstrate application of bandagesFirst Aid Nursing • Definition • Application of bandages • Shifting of patients with • Play • Play • Practice • Practice • SessionShort answers				<ul> <li>Signs of clinical death</li> </ul>	Discussion	
XIVExplain care of terminally ill patient• Advance directives: euthanasia, will, dying declaration, organDiscussion/Ro Le Play Practice Session Supervisedanswers overy short answersXIVF• Medico-legal issues • Clinical • Care of body after death • equipment, procedure and care of unitClinical Practice• Medico-legal issues • ClinicalClinical Practice• Medico-legal issues • Care of body after death • equipment, procedure and care of unit• Medico-legal issues • ClinicalClinical • Practice• Autopsy • Embalming• Embalming• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Embalming• Embalming• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Embalming• Embalming• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Embalming• Embalming• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Embalming• Embalming• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Preparation of equipment• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Preparation of equipment• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Preparation of equipment• Medico-legal issues• Medico-legal issues• Medico-legal issues• Autopsy • Play• Medico-legal issues• Medico-legal issues <th></th> <th></th> <td></td> <td>• Care of dying : Special</td> <td>Demonstration</td> <td></td>				• Care of dying : Special	Demonstration	
XIV5terminally ill patienteuthanasia, will, dying declaration, organ donationLe Play Practice Sessionvery short answersAutops - equipment, procedure and care of unit - equipment, procedure and care of unitClinical PracticePracticeVFirst Aid Nursing - Ouglities of a first aider - Preparation of different types of bandagesFirst Aid Nursing - Ouglities of a first aider - Preparation of equipment - Shifting of patients with - Shifting of patients with - Padding and splinting - First aid measures and - Padding and splinting - First aid measures and - First aid measures and - Padding and splinting - First aid measures and - First aid measures and - Padding and splinting - First aid measures and - Padding and splinting - First aid measures and - Padding and splinting - First aid measures and - First aid measures and - First aid measures and - Padding and splinting - First aid				Considerations.	Case	Short
XIV5patientdeclaration, organPractice Sessionvery shortAdonationSupervisedanswersGanationSupervisedanswersMedico-legal issuesClinicalPracticeCare of body after death-equipment, procedurePracticeand care of unit-Autopsy-Explain thePreparation of-Qualities of a first aiderprinciples of first-Qualities of a first aiderLectureodgenomstrateand slings.Discussionaid and-Shifting of patients withDiscussiondifferent types ofShifting of patients withPlaybandages-Padding and splintingFirst aid measures andand ages-First aid measures andSessionantidotes in Poisoning:First aid measures and			Explain care of	Advance directives:	Discussion/Ro	answers
XV20patientdeclaration, organPractice Sessionvery shortdonationSupervisedanswers· Medico-legal issuesClinicalPractice· Care of body after death- equipment, procedurePracticeand care of unit· Autopsy· Embalming· Explain the principles of first aid and demonstrate· Definition· Application of different types of bandages· Shifting of patients with spine dislocation · Padding and splinting fractured limbs · First aid measures and antidotes in Poisoning:Lecture Discussion Demonstratice Session		_		euthanasia, will, dying	Le Play	
XV       20 <ul> <li>A medico-legal issues</li> <li>Clinical</li> <li>Clinical</li> <li>Practice</li> <li>Practice</li> <li>Practice</li> <li>Autopsy</li> <li>Embalming</li> </ul> <ul> <li>Autopsy</li> <li>Embalming</li> </ul> <ul> <li>Clinical</li> <li>Practice</li> <li>Practice</li> <li>Autopsy</li> <li>Embalming</li> </ul> <ul> <li>Explain the principles of first aid Nursing</li> <li>Ouelities of a first aider</li> <li>Preparation of equipment</li> <li>Application of bandages</li> <li>Shifting of patients with</li> <li>Play</li> <li>Shifting of patients with</li> <li>Play</li> <li>Practice</li> <li>Session</li> <li>Session</li> </ul>	XIV	5	patient	declaration, organ	Practice Session	very short
XV20Autopsy - EmbalmingPracticexuFirst Aid Nursing - Oualities of a first aider - Preparation of aid and demonstrate application of bandagesFirst Aid Nursing - Definition - Qualities of a first aider - Preparation of equipment - Autopsy - DefinitionLecture Discussion Demonstration Demonstration Demonstration Demonstration Demonstration - Preparation of equipment - Application of bandagesShort and slings.			4	donation	Supervised	answers
XV20First Aid number of and spin of a section of and care of unit - equipment, procedure and care of unit - Autopsy - EmbalmingLecture Definition - Qualities of a first aider - Preparation of equipment - Preparation of aid and demonstrate application of different types of bandagesFirst Aid Nursing - Definition - Qualities of a first aider - Preparation of equipment - Preparation of equipment - Shifting of patients with - Padding and splinting - Padding and splinting fractured limbs - First aid measures and antidotes in Poisoning:Lecture Lecture Discussion Padine answers SessionVery short answers Session		- 4		<ul> <li>Medico- legal issues</li> </ul>	Clinical	
XV20Image: August of a series of		- 25		• Care of body after death	Practice	
XV20First Aid Nursing • EmbalmingLecture Discussion different types of bandagesShort and slings.XV2020First Aid Nursing • DefinitionLecture • Preparation of equipment • Application of bandages and slings.Lecture • Discussion Demonstration • Application of • Shifting of patients with • Pradding and splinting fractured limbs • First aid measures and antidotes in Poisoning:Padding and splinting • Session				– equipment, procedure	0	
XV20Image: series of the		$\ll$		and care of unit	C	5
XV20First Aid Nursing • Definition • Qualities of a first aider • Preparation of equipmentLecture Discussion Demonstration and different types of bandagesShort answers and slings. • Shifting of patients with • Pradding and splinting fractured limbs • First aid measures and antidotes in Poisoning:Page Page Page Page Page Page Page Page Page Page Page				Autopsy		
XV20Explain the principles of first aid and demonstrate application of bandages• Definition • Qualities of a first aider • Preparation of equipmentLecture Discussion Demonstration Demonstration of Discussion/Role Practice SessionShort answers answersXV201000000000000000000000000000000000000		< 1		• Embalming		
XV20Explain the principles of first aid and demonstrate application of bandages• Qualities of a first aider • Preparation of equipment • Application of bandages and slings. • Shifting of patients with • Padding and splinting fractured limbs • First aid measures and antidotes in Poisoning:Lecture Discussion Demonstration Demonstration Discussion/Role Play SessionXV20Explain the principles of first aid and demonstrate application of bandages• Application of bandages and slings. • Shifting of patients with spine dislocation • Padding and splinting fractured limbsLecture Discussion Play SessionShort answers answers		- CL-		First Aid Nursing		
XV20Explain the principles of first aid and demonstrate application of bandagesPreparation of equipment and slings.Lecture Discussion Demonstration DemonstrationXV20application of different types of bandages• Application of bandages and slings.Demonstration DemonstrationShort answersbandages• Shifting of patients with of bandages• Play Playvery short answers• Padding and splinting fractured limbs• First aid measures and antidotes in Poisoning:Session		- 63		Definition	1 22	
XV20principles of first aid and demonstrate• Preparation of equipmentDiscussion DemonstrationXV20admonstrate application of different types of bandages• Application of bandages and slings.DemonstrationShort Case answers* Shifting of patients with bandages• Shifting of patients with • Padding and splinting fractured limbsPlay Sessionvery short answers* First aid measures and antidotes in Poisoning:• First aid measures and antidotes in Poisoning:Session			4	Qualities of a first aider		
XV20aid and demonstrate application of bandagesequipment Application of bandages and slings.Demonstration Case Discussion/RoleShort answersXV20application of different types of bandagesShifting of patients with spine dislocation Fractured limbsDemonstrationShortVPadding and splinting fractured limbsPlay Sessionvery short answersFirst aid measures and antidotes in Poisoning:SessionSession				Preparation of		
XV20demonstrate application of different types of bandages• Application of bandagesCase and slings.answersdifferent types of bandages• Shifting of patients with spine dislocationPlayvery short* Padding and splinting fractured limbs• Padding and splinting sessionSession• First aid measures and antidotes in Poisoning:• Intervention				equipment		
XV20application of different types of bandagesand slings. · Shifting of patients with spine dislocationDiscussion/Role Playvery short answers· Padding and splinting fractured limbs· Padding and splinting · First aid measures and antidotes in Poisoning:· Discussion/Role · Playvery short answers			11.0	• Application of bandages		
<ul> <li>Shifting of patients with Play very short spine dislocation</li> <li>Padding and splinting fractured limbs</li> <li>First aid measures and antidotes in Poisoning:</li> </ul>	NV.	20		and slings.		answers
bandagesspine dislocationPracticeanswers• Padding and splinting fractured limbsSessionSession• First aid measures and antidotes in Poisoning:• Image: Comparison of the second of the	~~	20	1	<ul> <li>Shifting of patients with</li> </ul>		
<ul> <li>Padding and splinting fractured limbs</li> <li>First aid measures and antidotes in Poisoning:</li> </ul>				spine dislocation		-
<ul> <li>fractured limbs</li> <li>First aid measures and antidotes in Poisoning:</li> </ul>			Danuages	<ul> <li>Padding and splinting</li> </ul>		diswers
antidotes in Poisoning:				fractured limbs	26221011	
				<ul> <li>First aid measures and</li> </ul>		
Immediate care of				antidotes in Poisoning:		
				Immediate care of		



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- Clinical Nursing Procedure Manual Ecumenical Book Services, Chennai.
- National & International Journals on Nursing.

# NURSING FOUNDATIONS – PRACTICALS

#### Placement: I Year

## Lab- 200 Hrs

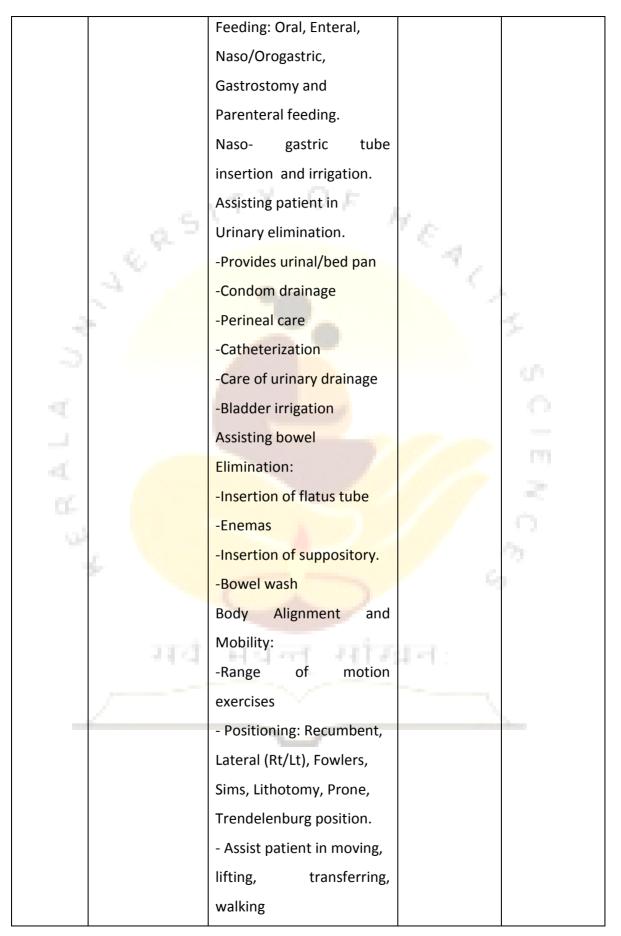
Clinical – 450 Hrs

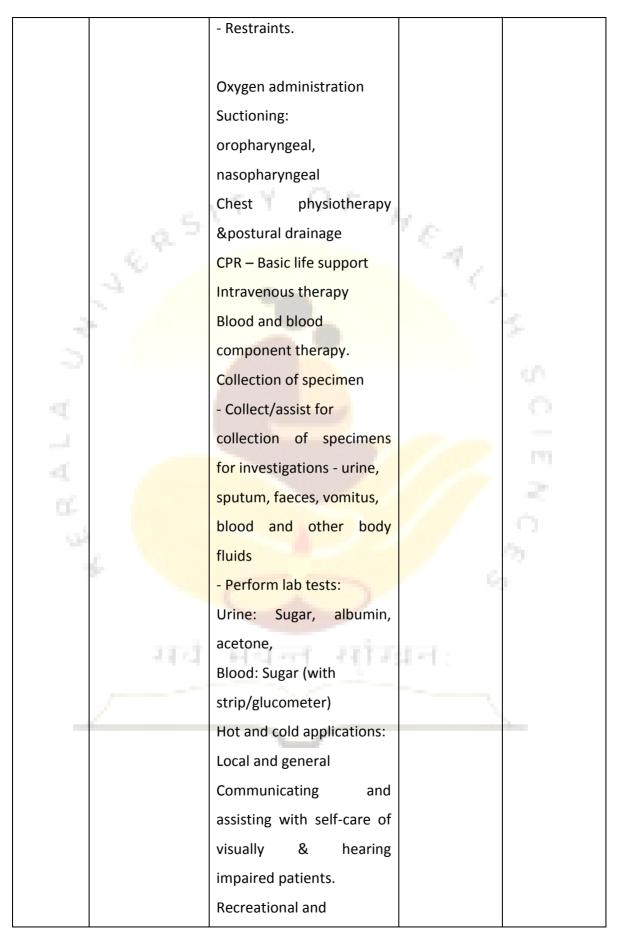
Area	Objective	Skills	Assignment	Assessment methods
Demonst	-Performs	Hospital admission and	-Practice in	-Evaluate
ration: -	admissi <mark>on and</mark>	Discharge	Unit/Hospital	with
Lab	disch <mark>arge</mark>		11	checklist
-General	proce <mark>dure.</mark>	Admission		-Assessment
medical	÷	-Prepare unit for new	-Write	of clinical
and	-Prepare	patient.	nursing	performance
surgery	nursing care	-Prepare admission bed.	records	with rating
ward.	plan based on	-Performs admission	of patient :	scale.
	nursing process	procedure : new patient,	Simulated – 1	-Completion
_	/	transfer in	Actual - 1	of practical
		-Prepare patient records.		record.
		Discharge/Transfer out		-OSCE
		-Gives discharge		
		counseling		
		-Perform discharge		
		procedure:		-Assessment

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		(planned discharge,		of nursing
				0
		DAMA and abscond,		process
		referrals and transfers).		records with
		-Prepare records of		check list.
		discharge / transfer.		
		-Dismantle, and disinfect		-Evaluate the
		unit and equipment after		implementati
	a. 5	discharge / transfer.	8	on of
	- C	Perform assessment:		nursing care
	A	-History taking, Nursing	S 50	with rating
2		diagnosis, problem list,		scale.
		prioritization, goals &		
		expected outcomes,		0
		selection of interventions.		0
		-Write nursing care plan.	<u> </u>	
		-Gives care as per the	1	171
er		plan.		2
Lab	-Com <mark>municate</mark>	Communication	-Role plays in	-Assess
	effecti <mark>vely</mark>	-Use verbal and non verbal	simulated	role plays
Hospital	with patient	communication	situations on	with
	families and	techniques.	communicati	the check list
	team members.	anter min	on	on
		Prepare a plan for	techniques –	communicati
	/	patient teaching session.	1	on
-	-Maintain		-Health talk –	techniques.
	effective	Write patient report	1	-Assess
	human	-Change-of shift reports,	-Write nurses	health
	relations.	transfer reports, incident	notes	talk with the
		reports etc.	-Present	checklist.
	-Develops plan	-Present patient report.	the patient	
	for patient	Vital signs	report of 2-3	-Assessment

	teaching.	-Measure, records and	assigned	of
		interpret alterations in	patients.	communicati
	-Prepare	body temperature, pulse	-Lab practice	on
	patient reports	respiration and blood	-Measure	techniques
	-Presents	pressure.	vital	by rating
	reports.	Health assessment	signs of	scale.
	-Monitor vital	-Health history taking	assigned	-Assessment
	signs.	-Perform assessment:	patients	of
	-Perform health	general , body systems	-Simulated	performance
	assessment of	-Use various methods of	exercises on	with rating
2	each body	physical examination:	CPR mannikin	scale.
	syste <mark>m.</mark>	Inspection, Palpation,		-Assessment
	-Provide basic	Percussion, Auscultation,		of each skill
	nursing care	Olfaction.		with
	to patients.	-Identification of system	and the second	checklist.
		wise deviations.		-Completion
0£-		Prepare Patient's unit:	17	of activity
		-Prepare beds:	/ /	records
	6	Open, closed, occupied,		<i>0</i> 7
		operation, amputation	0	
		-cardiac, fracture, burn,		
	and	divided, & fowlers bed.	1.00	
		-Pain assessment and	-	
		provision for comfort.		
		Use comfort devices		ilena i
		Hygienic Care:		
		-Oral hygiene:		
		-Baths and care of		
		pressure points.		
		-Hair wash, Pediculosis		
		treatment.		





		Diversional therapies.		
		Caring of patient with		
		altered sensorium		
Lab	-Perform	Infection control	-Observation	-Evaluation
	infection	-Hand washing	and write	of
Hospital	control	techniques.	report :	observation
Dept. of	procedures.	(simple, hand antisepsis	Department	report
infection	19 C	and surgical antisepsis	of	
control,	-	(scrub)	Infection	-Evaluate all
CSSD		-Prepare isolation unit in	control &	Procedures
- 25	-Perf <mark>orm</mark>	Lab/ward.	CSSD.	with
	procedures for	-Practice technique of		checklist.
	care of wounds.	wearing and removing	-Collection of	0
		Personal protective	samples for	
~		equipments (PPE)	culture	111
ec		-Practice standard safety	17	-2
		precautions	/ /	0
	6	(Universal precautions)		(h)
		Decontamination of	6	
		equipment and unit:-		
	3378	Surgical asepsis:	ter-	
		-Sterilization		
		-Handling sterilized		
_		equipment		alara a
		-Calculate strengths of		
		lotions,		
		-Prepare lotions.		
		-Care of articles.		
	-Administer	Administration of		
	drugs.	medications.		

-Provide care	Administer medications
to dying and	in different forms and
dead.	routes:
-Counsel	-Oral, Sublingual and
and support	Buccal.
relatives.	-Parenteral: Intradermal,
	subcutaneous,
a. 5	Intramuscular etc.
. 6	-Assist with Intra Venous
2	medications.
2	-Drug measurements and
3	dose calculations.
	-Preparation of lotions
~	and
	solutions.
4	-Administers topical
α <u>κ</u>	applications.
1.1	-Insertion of drug into
6	body cavity
	-Suppository & medicated
	packing etc.
3323	-Instillation of medicines
	and spray into Ear, Eye,
	Nose and throat.
	-Irrigations: Eye, Ear,
	Bladder, Vagina and
	Rectum.
	-Inhalations: dry and
	moist.
	Care of dying patient.
	-Caring and packing of

		dead body.		
		-Counseling and		
		supporting grieving		
		relatives.		
		-Terminal care of the unit.		
Lab	Apply bandages	-Application of bandages,	Demonstrate	Check list
	and slings	binders, splints & slings.	in the lab	
Hospital	. e. 2	bandaging of various	8.	
	- W	body parts.	Practice in	
	4	9.00	the clinical	
-2			area	5

CLINICAL ASSIG	INMENTS				
Nursing Ass	essment-				
	Hi	story Collect	tion ,		
	Ph	ysical asses	sment		7 R.
Nursing care	e plan		- 5		
Nursing care	e <mark>plan preser</mark>	itation	- 2		- 01 -
Health talk			-1		
Nursing four	ndations rec	ord			
Log book		AUT		iona-	
Daily Diary					
		_			

# C

# English

# Placement – I Year

# Theory (In hours) -30

#### **Course Description:**

The Course is designed to enable students to enhance ability to comprehend spoken and written English for effective communication in their professional work.

Un it	Time (Hrs)	Learning objectives	Content	Teaching Learning Activities	Assessment
1	8	Speak and write grammatically correct English	INTRODUCTION <ul> <li>Review of Grammar</li> <li>Building Vocabulary</li> <li>Phonetics</li> <li>Public Speaking</li> </ul>	Exercise on use of Grammar Practice in Public Speaking	Objective type test Fill in the blanks Para Phrasing
11	4 04	Develop ability to read and understand the prescribed text	READING • Read and comprehend prescribed course books	Exercise on: -Reading Summarizi ng Comprehe nsion	Short answers Essay type test
111	8	Develop writing skills	VARIOUS FORMS OF COMPOSITION • Letter writing • Note taking • Precise Writing • Nurses notes • Anecdotal records • Diary Writing • Reports on client's health status • -Preparation of	Exercises on writing : -Letter writing -Nurses notes -Precise -Diary -Anecdote -Story writing - Resume/C V -Essay writing -Discussion on written	Prepare letters, diary, resume

			resume/ CV	reports/ documents	
			SPOKEN ENGLISH	Exercise	
			Oral report	on: -Debating	Assessment
IV	6	Develop skill in	<ul> <li>Discussion</li> </ul>	-	of the various
IV	0	spoken English	• Debate	Participatin g in	skills
			Telephonic	Seminar,	56115
		2.5°	conversation	panel symposium	
		6	LISTENING	Exercise	
		Develop skill in	COMPREHENSION	on:	L
		listeni <mark>ng</mark>	media,	-Listening to Audio	Assessment
V	4	comprehensio	audio,	video tapes	of the various
	0	n	video,	and identify the	skills
	×.		speeches etc	key points	0

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- Lohumi S. Remedial Grammer and Composition, Jalaandhar, Vikas Co
- Platt M and Landgridge A. English for Nurses- A Natural Approach to Language
  Learning, New Delhi, Orient Longman Pvt Ltd.
- Rose S. Career English for Nurses. Chennai. Orient Blackswan Pvt Ltd.
- Taylor G. English Conversation Practice. New Delhi . Tata Mc Graw Hill Publishing Co



# INTRODUCTION TO COMPUTER

#### Placement: I year

#### Theory (In hours) - 45

#### (Class hours-15+ Lab hours -30)

#### **Course description:**

This course is designed for students to develop basic understanding of the use of computers and its applications in nursing

Uni	Tim (Hrs		Learning	Content	Teaching learning	Assess ment
t	Th	Pr	objective	content	activities	methods
ſ	Th Th Th	Pr	-Identify the basics of computer -Identify the application of computers in nursing	COMPUTERS: Basic parts and Functions • Review the basic parts of computer and its functions • Changing and removing of passwords of user accounts • Formulating and deleting of files • Changing date time and its format • Trouble shooting • Changing mouse properties • Configuring start up programs • Hardware and software: • System configuration • Installing and uninstalling programs	activities Lecture Discussion Demonstr ation	methods
1	3	5	application of computers in	of files • Changing date time and its format • Trouble shooting • Changing mouse properties • Configuring start up programs • Hardware and software: • System configuration • Installing and uninstalling	Discussion Demonstr	answe Object

				<ul> <li>Installing a program and</li> </ul>		
				setting it as a default		
				program		
				<ul> <li>Backup and restore</li> </ul>		
			Describe and	Introduction to disk	Lecture	Short
			use the Disk	operating system - DOS	Discussion	answers
			Operating	• DOS		
п	6	20	System	Windows (all version):	Demonstr	Objective
	D	20	\$	- Updating windows	ation	type
		2	Demonstrate	- MS word	12	
	$-\frac{1}{2}$		skill in the use	- Excel	Practice	Practical
	$\sim$		of MS office	- office packages	session	exam
			Demonstrate	Multimedia; types &uses		
	τ.		skill ion using	Changing the appearance	Lecture	Short
	1		multimedia	and personalizing	Discussion	answers
	ď.,		Identify	<ul> <li>Computer aided teaching</li> </ul>	Demonstr	Objective
111	2	3	f <mark>eatures of</mark>	& testing	ation	type
	3		computer	<ul> <li>Power point presentation</li> </ul>	Practice	Practical
		6	ai <mark>ded</mark>		session	exam and
			teaching and	-	36331011	viva voce
			testing			
			걸	Use of internet and e-mail		Short
			Demonstrate	<ul> <li>Set up an internet</li> </ul>	Lecture	answers
		1	use of	connection	Discussion	Objective
IV	1	3	internet and	• E-mail and attachments	Demonstr	type
			e- mail	<ul> <li>Browsing history</li> </ul>	ation	Practical
				<ul> <li>Default page</li> </ul>		exam and
				<ul> <li>Social media</li> </ul>		viva voce

				Statistical packages	Lecture	Short
			Describe and	<ul> <li>Types and their features</li> </ul>	Discussion	answers
			use the		Demonstr	Objective
v	2	2				type
			statistical		ation	Practical
			packages		Practice	exam and
				YOF .	session	viva voce
			Describe the	Health Management		
			components	Information System (HMIS)	Lecture	Short
		2	and us <mark>es of</mark>	Components, uses	·	answers
VI	1	2	health		Discussion	Objective
	25		management		Demonstr	type
			information		ation	(P)
	¢.		system			0

- Alicold Leslie H. Computers in Nursing. Philadelphia, Lippincot
- Dheena Dayal R. Computer Science, Vol I& II, New Delhi. Tata Mc Graw Hill
   Publishing Company Ltd

d,

- Goel M K. Introduction to Computer Science. New Delhi. Sterlin Publishers Pvt
  Ltd.
- Jain P and Kumari N. Introduction to Computers for Nursing, Jalandhar, S. Vikas &CO
- Reddy N N . Computer Education for BSc Nursing . Hydrabad. Front line Publishers
- Vikas Guptha. Condex Computer Courses Kit. New Delhi, Dreamtech Press

## **SECOND YEAR B.Sc NURSING**

# SOCIOLOGY

#### **Placement: II Year**

# Theory 60 hours

#### **Course description:**

This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning	Assess ment
	(11.3)	6 · · · · ·		activity	methods
		-Identify the	Introduction	- < 1	
		basic	<ul> <li>-Sociology-definition,</li> </ul>	C	Short
	-	concepts in	origin, nature and scope	~	answers
	2	sociology	<ul> <li>-Primary concepts-society,</li> </ul>	Lecture	answers
· .	2	-State the	community, institution	Discussion	Very
		importance	<ul> <li>Importance and</li> </ul>		short
	1	of sociology	application of sociology in		1213
	£.	in <mark>nursing.</mark>	nursing	0	answers
	<b>G</b> -		Individual & society		Essay
	4	D <mark>escribe the</mark>	<ul> <li>-Society- definition,</li> </ul>	1.	·
	÷	rela <mark>tionship</mark>	characteristics and types.	64	Short
п	3	of individual	<ul> <li>-Community- types,</li> </ul>	Lecture	answers
	5	in society	characteristics, elements,	Discussion	
		and	-Difference between		Very
		community	society and community.		short
	_		<ul> <li>-Personal disorganization.</li> </ul>		answers
		Describe the	Culture and Socialization		Essay
		influence of	• Culture :		
		culture and	-Definition, characteristics,	Lecture	Short
	4	socialization	functions	Discussion	answers
		on health	-Evolution of culture:		
		and disease.	-invention, diffusion,		Very

			transmission		short
			<ul> <li>-Unity and diversity in</li> </ul>		answers
			culture		
			• -Cultural lag		
			<ul> <li>Acculturation,</li> </ul>		
			<ul> <li>Enculturation and</li> </ul>		
			transculturation		
		0.7	<ul> <li>-Cultural factors in health</li> </ul>		
		6	and disease	9,	
	1.1		• Socialization:	1 A.	
	2		-Meaning, process, stages	5	
	5		& agencies of socialization.		
			-Individualisation		P
-	1		Social groups		0
			<ul> <li>-Meaning, characteristics</li> </ul>		
-	6		and classification		
	-10		<ul> <li>-Primary and secondary</li> </ul>	<i>.</i>	Essay
	40		groups, characteristics and	/	3
	4	Ide <mark>ntify</mark>	importance in society		
		various	<ul> <li>Ingroups and outgroups</li> </ul>	Lecture	Short
IV	5	social groups	<ul> <li>-Unorganised groups :</li> </ul>	Discussion	answers
		and their	characteristics and types-	Discussion	answers
		interactions	crowd, mob, public,		Very
	1		audience		short
			<ul> <li>-Permanent special groups-</li> </ul>		answers
			band, tribe, clan/sib, horde,		unswers
			state		
			<ul> <li>-Reference group</li> </ul>		
v	3	Identify the	Social process	Lecture	Essay
		various	<ul> <li>-Meaning, characteristics</li> </ul>	Discussion	

VI          y       process and       oConjunctive process/       answers         social       associative process:       very         systems       cooperation,       social       short         accommodation,       assimilation.       answers         assimilation.       i-Disjunctive       answers         i-Disjunctive       i-Disjunctive       interverse         i-Disjunctive       interverse       interverse         i-Definition, types, elements       interverse       interverse         i-Status and role: importance       interverse       interverse         i-Political, economic,       interverse       interverse         i-Definition, types, elements       interverse       interverse         i-Political, economic,       interverse       interverse         i-Definition, types, elements       interverse       interverse         i-Definition, types, elements       interverse       interverse         i-Political, economic,       interverse       inte			social	and importance in society		Short
VI         Systems         cooperation, accommodation, assimilation.         Very short answers           • Disjunctive process/dissociative process/dissociative process: competition, conflict, Isolation         • • • • • • • • • • • • • • • • • • •			process and	<ul> <li>-Conjunctive process/</li> </ul>		answers
VI       3       accommodation, assimilation.       short answers         • Disjunctive       process/dissociative process/dissociative       h         process/dissociative       process/competition, conflict, Isolation       h         • Definition, types, elements       - Social system       h         • Definition, types, elements       - Status and role: importance in society       h         • Political, economic, religious and educational systems       - H       H         • Demography and its characteristics, demographic cycle.       - Demography and its characteristics, demographic cycle.       Essay         growth of       India       - Population distribution in india       Short answers         india and its       population       - Denographic cycle.       Essay         india and its       population       Short answers			social	associative process:		
VI       3       assimilation.       assimilation.       answers         • -Disjunctive       process/dissociative       process/dissociative       http://www.new.new.new.new.new.new.new.new.new.			systems	cooperation,		Very
VI       3 <ul> <li> <li> <li> <li></li></li></li></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul></li></ul>				accommodation,		short
VI       A       process/dissociative process : competition, conflict, Isolation       i         · Social system       -       -         · Definition, types, elements       -       -         · Status and role: importance       -       -         · Political , economic, religious and educational systems       -       -         · Political , economic, religious and educational systems       -       -         · Political , economic, religious and educational systems       -       -         · Population in growth of       -       -       -         · Population distribution in growth of       -       -       -         · Population distribution in growth of       -       -       -         · India       · Population distribution in growth of       -       Short         · India and its       population       -       -         · India and its       population explosion in impact on       -       Population explosion in				assimilation.		answers
VI       3       Image: process : competition, conflict, Isolation       Image: process : competition, conflict, Isolation         VI       1				• -Disjunctive		
VI       3       India and its is population is society operation is society is population in the population is characteristics, is characteristis, is charac			a. 5 '	process/dissociative		
<ul> <li>VI</li> <li>A population in growth of India and its impact on India India and its impact on India India and its impact on India India</li></ul>			6	process : competition,	4,	
VI       3       - Definition, types, elements -Status and role: importance in society -Political , economic, religious and educational systems       - No         VI       A       Society and population -Demography and its characteristics, demographic cycle.       - Society and population -Demography and its characteristics, demographic cycle.       - Society and population         India and its       - Population distribution in India       - Short answers         India and its       - Malthusian theory of India and its impact on       Lecture Discussion		1		conflict, Isolation	· *	
VI       3       -Status and role: importance in society -Political , economic, religious and educational systems		2		Social system	5	
VI       A       Image: A sector of the sector of t		3		- Definition, types, elements		
VI       -Political, economic, religious and educational systems       -Political, economic, religious and educational systems       -         VI       Society and population -Demography and its characteristics, demographic cycle.       -       -         Explain the growth of       -Population distribution in India       -       -         population in       -Population distribution in India       Short         India and its       population       -         impact on       -population explosion in India and its impact on       Discussion				-Status and role: importance		19
VIAImage: constraint of the cons	-	ť.		in society		0
VIASociety and populationNISociety and populationImage: Note of the section of the sec		J		-Political , economic,		
VI         3         Society and population         Image: Note of the sector	-	6		religious and		
VI       3          • -Demography and its characteristics, demographic cycle.           • -Population distribution in growth of           Essay          VI       3          Explain the growth of           • -Population distribution in India           Short          India and its          population           • -Malthusian theory of           Lecture           answers          India and its          population explosion in           Discussion           Very          health          India and its impact on           India and its impact on           Short		cí-		educational systems		
VI         A         Characteristics, demographic cycle.         Essay           population the growth of         -Population distribution in         Essay           population in         -Malthusian theory of         Lecture           India and its         population         Discussion           impact on         -population explosion in         Very           health         India and its impact on         short		10		Society and population		1
VI         Image: A construct of the construction of t		4		<ul> <li>-Demography and its</li> </ul>		
VI         Explain the growth of         • -Population distribution in India         • -Population distribution in India         Short           3         population in India and its         • -Malthusian theory of • -Malthusian theory of         Lecture         answers           India and its         population         • -population explosion in health         Discussion         Very short				characteristics,	60	
VIgrowth of population inIndiaShort answers3population in India and its• -Malthusian theory of populationLecture Discussionanswers answersIndia and itspopulationDiscussionVery shortimpact on health• -population explosion in India and its impact onVery short				demographic cycle.		Essay
VI       3       population in population       • -Malthusian theory of population       Lecture Discussion       answers         India and its impact on health       • -population explosion in India and its impact on       Discussion       Very short			Explain the	<ul> <li>Population distribution in</li> </ul>		
VI       3       India and its       population       Discussion         impact on       • -population explosion in       Very         health       India and its impact on       short			growth of	India		Short
India and itspopulationDiscussionimpact on• -population explosion inVeryhealthIndia and its impact onshort	VI	3	population in	<ul> <li>-Malthusian theory of</li> </ul>	Lecture	answers
health India and its impact on short			India and its	population	Discussion	
			impact on	<ul> <li>-population explosion in</li> </ul>		Very
health status answers			health	India and its impact on		short
				health status		answers
-Family welfare				<ul> <li>-Family welfare</li> </ul>		
programmes and its impact				programmes and its impact		
on population control.				on population control.		

			<ul> <li>Social institutions</li> </ul>		
			-Characteristics and		
			functions		
			• Family:		
			-Definitions, functions,		
			types (nuclear, joint,		
		1	blended and extended		
		Describe the	family), characteristics,		Essay
		major social	merits and demerits,	2 J -	
	1.1	institutions	present trends, family	1.2	Short
VII	6	in India and	problems, welfare services.	Lecture	answers
VII	0	its influence	• Marriage:	<b>Discussion</b>	
			-Charac <mark>teristic</mark> s, functions,		Very
-	ξ	on health practices	types		short
	4		-Marital problems-dowry,		answers
			divorce		nn -
			-Changes and legislation on		25
	1.1		family and marriages in		5
			India-marriage act	- 15	
			-Role of family and	69	
			marriage on health and		
		मार्थ	health practices		
			Social stratification		
	1	Describe the	-Meaning, characteristics		Essay
		class and	and types of social		
		caste system	stratification		Short
VIII	4	and their	<ul> <li>-Indian caste system-origin</li> </ul>	Lecture	answers
		influence on	and features; present trend	Discussion	
		health and	<ul> <li>-Social class system- nature</li> </ul>		Very
		health	and characteristics;social		short
		practices	class and life style		answers
			class and me style		

			<ul> <li>-Social mobility-meaning</li> </ul>		
			and types; social mobility in		
			India		
			-Race: biological		
			characteristics,		
			classification, races in India		
			-Impact of social		
		. 51	stratification on health and		
		6.4		-4	
		× _	health practices.	- C.,-	
			Communities in India	<u></u>	
	~		-Types of communities in		
	0		India-Rural, urban and		0
			regional.		A
			• -Rural community :		
	1		-Characteristics of Indian		171
	£.		villages, changes in Indian		100
	Сí-	Describe the	rural life, rural problems,		Essay
	40	types of	rural planning and		1
	-	communities	reconstruction,		Short
іх	5	in India, their	• panchayat raj system,	Lecture	answers
		practices and	community participation,	Discussion	
		impact on	<ul> <li>community development</li> </ul>		Very
		health	programmes,		short
		ilealui	<ul> <li>health facilities in rural</li> </ul>		answers
			areas and its impact on		
			health and health practices		
			<ul> <li>-Urban community:</li> </ul>		
			Features, urbanization-		
			growth of cities, urban		
			slums, major urban		
			problems and its impact on		
			01		

			health and health		
			practices.		
			<ul> <li>-Regions: problems and</li> </ul>		
			impact on health		
×	4	Explain the process of social change	Social change -Characteristics, causes and process of social change -Factors influencing social change –cultural change, cultural lag, social change • -Introduction to theories of socialchange : Linear, Cyclical, Marxian, Functional • -Planned changes- social marketing in health sector	Lecture Discussion	Essay Short answers Very short answers
	er.		-Role of the nurse		25
	24		Social organization -Characteristics, types (formal,informal),modes of participation	6	Essay
		Describe the social	<ul> <li>-Voluntary organizations- social health agencies</li> </ul>	Lecture	Short answers
XI	5	organization	<ul> <li>Social Disorganization</li> </ul>	Discussion	
	-	s	-Definition, characteristics,		Very
			causes, types, remedial		short
			measures		answers
			<ul> <li>-Personal disorganization,</li> </ul>		unswers
			family disorganization		
		Explain the	Social control	Lecture	Essay
XII	4	nature and	-Meaning, objectives and	Discussion	Losay

	Т	-			
		process of	types of social control.		Short
		social	-Formal and informal		answers
		control	means of social control		
			<ul> <li>Agencies of social control</li> </ul>		Very
			Folkways, mores, customs,		short
			traditions, religion, public		answers
			opinion, believes,		
		0.7	ideologies, law and fashion.		
		6	<ul> <li>-Social norms: nature and</li> </ul>	a,	
	1.1		importance in social life	1 × 2	
	2		<ul> <li>Anomie and deviance</li> </ul>		
	3		<ul> <li>-Role of the nurse</li> </ul>		
			Social problems		10 C
	1		-Meaning, causes		0
			<ul> <li>-Major social problems:</li> </ul>		
	£		poverty, housing, illiteracy,		
	-10		food supplies,		
	cak -		unemployment, substance		<u> </u>
	4	De <mark>scribe the</mark>	abuse, prostitution, crime		Essay
		role of the	and juvenile delinquency.		
		nurse in	-Vulnerable groups :		Short
XIII	12	dealing with	Problems of aged,	Lecture	answers
		social	Problems of children	Discussion	Maria
		problems in	• ( child labour, child abuse,		Very
		India	trafficking, street children),		short
			<ul> <li>Problems of women,</li> </ul>		answers
			Handicapped, Minorities		
			and marginalised groups,		
			HIV/AIDS		
			<ul> <li>-Rights of women and</li> </ul>		
			children		
L	1	I	02		

-Social security	
<ul> <li>-Control and planning</li> </ul>	
-Social welfare	
programmes in India	
-Role of the nurse	

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# MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) -I

#### **MEDICAL NURSING**

Placement: II Year

Theory- 110 Hrs Nursing faculty-90hrs External faculty-20hrs Practical: 440 hrs

#### **Course Description:**

The purpose of this course is to enable students to identify the etiology, pathophysiology, symptomatology, diagnostic measures and management (medical, nursing and dietetic) of common medical, communicable and dermatological diseases and to develop proficiency in caring for patients with these diseases.

Unit	Time	Learning objectives	Content	Teaching learning activities	Assess ment methods
		Appreciate the	Introduction		
		trends	<ul> <li>Evolution and trends of</li> </ul>		
		in medicine and	medicine		
		medical nursing	<ul> <li>Review concepts of health</li> </ul>		
		Describe the	and illness,		
		role of a nurse	• - concepts of disease	-0	
		in caring	causation	1 C	
		patien <mark>ts with</mark>	- International classification	Lecture	
	-2	medical	of diseases	Lecture	Short -
	5	dermatologic	• (ICD-10 or later version)	Discussion	answers
Ι.	(NF-	and	• - Acute <mark>illness,</mark> chronic	Discussion	~
	4	communicable	illness, terminal illness	Assignmen	Very
	EF-1)	diseases.	• - Stages of illness.	ts	short
	d.,	Describe the	<ul> <li>- Review concepts of</li> </ul>		answers
	Cí-	common	comprehensive nursing		
	60	sign <mark>s</mark> ,	care.		
	5-	symp <mark>toms</mark>	• - Review of nursing process	60	
		and problems	• - Evolution and trends in		
		and	medical nursing		
		their specific	<ul> <li>- Role and responsibilities of</li> </ul>		
		nursing	nurse in medical wards		
	_	interventions			
		Describe the	Common signs& symptoms	Lecture	
	7 NF-6 EF-1	common	and its management.		Short -
П		signs ,	<ul> <li>Fluid and electrolyte</li> </ul>	Discussion	answers
		symptoms	imbalances		
		and problems	<ul> <li>Acid base imbalances</li> </ul>	Demonstr	Very
		and	• Oedema, Pain, Dyspnoea	ation	short

	their specific	and cough,		answers
	nursing	Unconsciousness, Syncope,		
	interventions	Fever and hyperthermia.		
		Nursing management of		
		patients with respiratory		
		problems.	Lecture	
	1	<ul> <li>Review of anatomy and</li> </ul>	<b>D</b>	
	0.7	physiology of respiratory	Discussion	
	18 C	system.	1.	
	4	<ul> <li>-Assessment of respiratory</li> </ul>	Demonstr 	
- 20	Explain the	system - nursing history	ation	
5	etiology,	and physical examination	Observatio	
	Patho	<ul> <li>-Diagnostic measures and</li> </ul>	Observatio	Facer
< _	physiology,	related nursing care –	n visit	Essay
J	Clinical	• sputum examination, X-ray,	supervised	Short -
12	manife <mark>stations</mark>	pulmonary function test,	clinical	
 NF-	diag <mark>nostic</mark>	allergic tests, mantoux test		answers Very
 10	me <mark>asures</mark>	• thoracentesis,	practice	
EF-2	and	bronchoscopy, pulse	Drug book	short
	management of	oximetry, ventilation	Drug book	answers
	patients with	perfusion scan	Presentati	unswers
	disorders of	<ul> <li>Etiology, pathophysiology,</li> </ul>	ons	
	respiratory	clinical manifestations,	ene	
1	system.	complications, diagnosis,	Lab	
		<ul> <li>medical, dietetic and</li> </ul>	practice	
		nursing management of	•	
		patients with the following	Health	
		diseases	education	
		- Lower respiratory		
		infections, COPD, Bronchial		
		asthma, Bronchiectasis,		

	1	ſ			I
			Bronchitis, Atelectasis,		
			Pneumonia, Pulmonary		
			tuberculosis, Pleurisy,		
			Pleural effusion, Pulmonary		
			hypertension, Pulmonary		
			oedema, Pulmonary		
			embolism		
		0.7	• -special therapies:		
		1.40	-Chest physiotherapy,	9	
		4	- incentive spirometry	1 A.	
	- 20		<ul> <li>-Rehabilitation</li> </ul>	5	
	25		<ul> <li>Review drugs used in the</li> </ul>		
			treatment of respiratory		
	× .		disorders.		0
	1	E 1 ·	Nursing management of		
	4	Explain the	patients with	Lecture	
	ci.	etiology	Cardiovascular and	Discussion	C
	esh.	pat <mark>hophysiolog</mark>	hematological diseases	Demonstr	Essay
	1	У	• - Review anatomy and	ation	
		clinical	physiology of cardiovascular	observatio	Short -
	18	manifestations	system.	n visit	answerrs
		diagnostic	<ul> <li>-Nursing assessment</li> </ul>	supervised	rrs
IV	NF-	measures	and physical examination	clinical	
	15,	& management	<ul> <li>- Diagnostic measures and</li> </ul>	practice	Very
	EF-3	of	related nursing care :	Drug book	shhort
		patients with	<ul> <li>- complete blood count,</li> </ul>	Presentati	answers
		disorders of	ECG, echocardiogram,	ons	
		cardiovascular	cardiac catheterization,	Lab	
		&	cardiac enzymes, nuclear,	practice	
		hematologic	imaging, TMT, coronary	Health	
		system.	angiography, CVP, Doppler	education	



			- Leukemia, Leukopaenia,		
			Lymphoma,		
			Agranulocytosis, Myeloma		
			<ul> <li>Bone marrow/ stem cell</li> </ul>		
			transplantation		
			<ul> <li>Blood transfusion - safety</li> </ul>		
		2.1	checks, procedure and		
		Q. 7	requirements, management		
		. S	of adverse reactions,	9,	
		4	recording.	1.2	
	-2-		- Management and	5	
	3		counselling of blood		
			donors,		P
	< - 1		-phlebotomy and post		0
	. I.		donation management,		
	<		blood bank functioning and		
	e£		hospital transfusion	<b>7</b>	2
	cak.		committee	- C	)
	1		- Biosafety and waste		
			management in relation to	69	
			blood transfusion		
		112	<ul> <li>Review drugs used in the</li> </ul>		
			treatment of		
			cardiovascular and		
			haematologic disorders.		
		Describe the	Nursing management of	Lecture	Essay
	10	etiology, patho-	patients with disorders of	Discussion	
	NF-	physiology,	digestive system	Demonstr	Short -
V	8,	clinical	<ul> <li>Review anatomy and</li> </ul>	ation	answers
	EF-2	manifestations,	physiology of digestive	observatio	
		diagnostic	system.	n visit	Very
	I	l			

	measures	<ul> <li>- Nursing assessment-</li> </ul>	supervised	short
	and	history and physical	clinical	answers
	management of	examination, nutritional	practice	
	patient with	assessment.	Drug book	
	disorders of	<ul> <li>Diagnostic measures and</li> </ul>	Presentati	
	digestive	related nurses role -	ons	
	system	endoscopy, LFT, barium	Lab	
	Q. 7	meal, barium enema,	practice	
	. 6	ultrasonography, gastric	Health	
	-	analysis, liver biopsy,	education	
		endoscopic retrograde	5	
5		Cholangio pancreato		
		graphy, blood studies.		
		<ul> <li>Etiology, pathophysiology,</li> </ul>		
-		symptomatology, diagnosis,		
		medical, dietetic and		
cć		nursing management of		
cab.		patients with the following	- C	
- 1 d		conditions:		
		- disorders of oral cavity.	69	
		- Oesophagitis, GERD		
	1121	- Irritable bowel syndrome,		
		-Hepatitis, Cirrhosis of liver,		
		Portal hypertension,		
		-Hepatic failure and hepatic		
		coma,		
		-Metabolic syndrome,		
		Obesity,		
		<ul> <li>Review drugs used in the</li> </ul>		
		treatment of		
		gastrointestinal disorders.		
	I			

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			Nursing management of		
			patients with		
			disorders of urinary system.		
			<ul> <li>Review anatomy and</li> </ul>		
			physiology of urinary		
			system.		
			<ul> <li>- Nursing assessment -</li> </ul>		
		a. 5 '	history and physical	Lecture	
		Described	examination.	Discussion	
	1.1	Describe the	<ul> <li>Diagnostic measures and</li> </ul>	Demonstr	
	-20	etiology,Pathop	related nursing care :	ation	Fccov
	5	hysiology, clinical	- blood chemistry, urinalysis,	observatio	Essay
	8	manifestations,	RFT, clearance studies, KUB,	n visit	Short -
	0	diagnostic	IVP, renal arteriogram,	supervised	answers
VI	NF-	measures	renal biopsy, cystoscopy,	clinical	answers
	6,	and	urodynamic studies,	practice	Very
	EF-2	management of	cystogram and	Drug book	short
	10	patients with	urethrogram.	Presentati	answers
	-4	disorders	<ul> <li>Etiology, pathophysiology,</li> </ul>	ons	
		of urinary	symptomatology, Medical,	Lab	
		system.	dietetic and nursing	practice	
		मार्च	management of patients	Health	
			with:	education	
	1		- Nephritis, Nephrotic		
			syndrome, Urinary tract		
			infections, Acute renal		
			failure, Chronic renal		
			failure.		
			<ul> <li>Review drugs used in</li> </ul>		
			urinary system.		

			Nursing management of		
			patients with		
			disorders of nervous system.		
			<ul> <li>Review anatomy and</li> </ul>		
			physiology of nervous		
			system.		
			<ul> <li>-Nursing assessment-</li> </ul>		
		a. 5 '	nursing history and physical	Lecture	
		Describe the	examination	Discussion	
		etiology	- Diagnostic measures and	Demonstr	
	1.20	path <mark>ophysiolog</mark>	related nursing care:	ation	
	5	у,	Lumbar puncture, CSF	observatio	Essay
		clinical	analysis <mark>, cereb</mark> ral	n visit	P
	12	manifestations	angiography, CT, MRI,	supervised	Short -
		diagnostic	magnetic resonance	clinical	answers
VII	NF-	measures	- angiography, PET Scan,	practice	
	10;	and	SPECT Scan, cerebral	Drug book	Very
	EF-2	ma <mark>nagement of</mark>	ultrasound, EEG, EMG,	Presentati	short
	1.4	patie <mark>nts with</mark>	myelography, evoked	ons	answers
		disorders	potential	Lab	
		of nervous	<ul> <li>Etiology, pathophysiology,</li> </ul>	practice	
		system.	symptomatology, medical,	Health	
			dietetic and nursing	education	
	1		management of patients		
	-		with:		
			-Head ache, Migraine,		
			Increased ICP, Cerebral		
			oedema, TIA,		
			-Cerebrovascular accident, ,		
			Meningitis, Encephalitis,		
			-Cranial and spinal		

			neuropathies, bell's palsy, trigeminal neuralgia,		
			Guillain Barre Syndrome,		
			Myasthenia gravis,		
			Parkinsonism, Multiple		
			sclerosis, Dementia.		
		- N	<ul> <li>Role of nurse in</li> </ul>		
			communicating with		
		× _	patients having neurologic	~ ·	
	-		deficits.	1.2	
	2		<ul> <li>Rehabilitation of patients</li> </ul>	5	
	0		with neurological deficits		
			<ul> <li>Review drugs used in the</li> </ul>		
	e,		treatment of neurological		0
	. I.		disorders.		
	ς		Nursing management of	Lecture	
	-10	Describe the	patients with endocrine	Discussion	C
	12	etiology	disorders.	Demonstr	)
	- 4	pathophysiolog	<ul> <li>- Review anatomy and</li> </ul>	ation	Essay
			physiology of endocrine	observatio	LSSdy
		y, clinical	glands.	n visit	Short -
	8	manifestations	<ul> <li>- Nursing assessment,</li> </ul>	supervised	answers
VIII	o NF-6	diagnostic	nursing history, physical	clinical	011399613
	EF 2	measures	examination.	practice	Very
		and	<ul> <li>Diagnostic measures and</li> </ul>	Drug book	short
		management of	related nursing care - blood	Presentati	answers
		patients with	sugar analysis, GTT, thyroid	ons	
		endocrine	scan, thyroid FNAC, thyroid	Lab	
		disorders.	function tests, tests of	practice	
			adrenal function, tests of	Health	
			pituitary function, tests of	education	

				1	
			parathyroid function.		
			<ul> <li>etiology, pathophysiology,</li> </ul>		
			symptomatology medical		
			management, dietetic		
			management and nursing		
			management of patients		
		- 1	with :		
		e. 7 '	- Diabetes mellitus,		
		. S	Pituitary disorders,	9	
		1	Disorders of thyroid and	12	
	-21		parathyroid glands,	5	
	5		Disorders of adrenal gland.		
			• - Review drugs used in the	4	P
	C		treatment of endocrine		0
	- I.		disorders.	-	
	ď. –	Describe the	Nursing management of	Lecture .	
	CL-	Describe the	patients with	Discussion	
	cale.	etiology	immunologic disorders.	Demonstr	5
	- 4	path <mark>ophysiolog</mark>	<ul> <li>-Diagnostic measures and</li> </ul>	ation	Eccov
		y,	related nursing care	observatio	Essay
		clinical manifestations	<ul> <li>Etiology, pathophysiology,</li> </ul>	n visit	Short -
		diagnostic	symptomatology, medical	supervised	answers
іх	5	measures	and nursing management of	clinical	a113WE13
		and	patients with :	practice	Very
		management of	-Primary immuno	Drug book	short
		patients with	deficiency, Secondary	Presentati	answers
		immunologic	immunodeficiency,	ons	011317613
		disorders.	-Graft versus host disease,	Lab	
			Acquired immunodeficiency	practice	
			syndrome	Health	
			-Role of nurse in counseling	education	

			and health education,		
			<ul> <li>Rehabilitation of patients</li> </ul>		
			with HIV/AIDS		
			<ul> <li>-National and international</li> </ul>		
			<ul> <li>agencies in AIDS control,</li> </ul>		
			<ul> <li>- National AIDS Control</li> </ul>		
			Programme.		
		a 5 '	-Auto immune disorders -		
		8	SLE, Gout	4.	
		4	• - Review drugs used in the	5.2	
	1.20		treatment of immune	5	
	25		disorders.		
			Nursing management of	-	-
	× .	Describe the	patients with integumentary	Lecture	0
	. I.	etiology	disorders and Sexually	Discussion	
	×.	pathophysiolog	Transmitted Diseases	Demonstr	
	-23	У,	<ul> <li>- Review of anatomy and</li> </ul>	ation	C
	cal.	clinical	physiology of integumentary	observatio	
		manifestations	system.	n visit	Essay
	10	diagnostic	• - Nursing assessment -	supervised	Charat
v		measures	history and physical	clinical	Short -
X	NF-5	and	examination.	practice	answers
	EF 5	management of	<ul> <li>- Diagnostic measures and</li> </ul>	Drug book	Very short
		patients with	related nurses role - VDRL,	Presentati	
		integumentary disorders and	ELIZA, Skin biopsy, skin	ons	Answers
		Sexually	smear	Lab	
		Transmitted	<ul> <li>Etiology, pathophysiology,</li> </ul>	practice	
		Disorders	clinical manifestations,	Health	
			diagnosis, medical and	education	
			nursing management of		

XI 10	Describe the etiology pathophysiolog y, clinical manifestations diagnostic measures and management of patients with communicable diseases	<ul> <li>patients with :</li> <li>bacterial, viral and fungal infections:</li> <li>Eczema/dermatitis,</li> <li>Dermatoses : infectious &amp; non infectious, Psoriasis,</li> <li>Acne vulgaris, skin cancers,</li> <li>Alopecia, ,Pemphigus,</li> <li>Sexually transmitted diseases-</li> </ul> Nursing management of patients with communicable diseases. <ul> <li>-Overview of infectious agent, infection process</li> <li>-Epidemiology, clinical manifestations, diagnosis, prevention, medical and nursing management of patients with:</li> <li>-Cholera, Tetanus, Gas Gangrene, Plague, Typhoid, Leprosy</li> <li>-Diarrhoeal disorders,</li> <li>Hepatitis, Herpes, Chickenpox, Mumps, Measles, Rubella, Influenza, Poliomyelitis, Yellow fever, Dengue Fever, Rabies, Japanese encephalitis, Chikun gunya, Small pox.</li></ul>	Lecture Discussion Demonstr ation observatio n visit supervised clinical practice Drug book Presentati ons Lab practice Health education	Essay Short - answers Very short Answers
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			-Malaria, Filaria,		
			Helminthiasis,		
			Amoebic dysentery,		
			Leptospirosis, worm		
			infestation		
			<ul> <li>- Review barrier nursing,</li> </ul>		
		_	• - Review special infection		
		- 51			
			control measures:	ad .	
		N	Notification, Quarantine,	· /	
		-	Isolation.	1.2	
	2		Nursing management of	Lecture	
	25		patients with medical	<b>D</b> iscussion	
		Describe	emergenci <mark>es.</mark>	Demonstr	Essay
	£	medical &	• Poisoning,	ation	0
		nursing	• snake bite,	Drug book	Short -
XII	5	management of		Presentati	answers
	5	pati <mark>ents with</mark>	<ul> <li>allergy and hypersensitivity</li> </ul>		100
	CL-	medical	reactions	ons	Very
	de la	emergencies		Lab	short
	1	emergencies		practice	Answers
				Health	
				education	

मयं भवन्त् स्रांग्धनः

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## **MEDICAL NURSING - PRACTICAL**

## Practical: 440 Hrs (11 Wks)

Thomas, N. Renal Nursing. Philadelphia: Elsevier.										
<ul> <li>Nat</li> </ul>	National & International Journals on Nursing.									
	E -									
MEDICAL NURSING - PRACTICAL										
Practical: 440 Hrs (11 Wks)										
	Duration		-	2	Assess					
Area	(in weeks)	Objectives	Skills	Assignments	ment methods					
		Provide	Asses <mark>sment o</mark> f the	-Plan and	-Assess					
- 1		nursing	patient	provide care	performa					
General		care to	-Taking history	to 3-4	nce with					
Medical		clients with	-Perform physical	assigned	rating					
Ward					medical	examination	patients	scale.		
(respirat					disorders	-Identify alteration	-Nursing care	-Assess		
ory,	6	-Counsel	and deviations	plan -2	skill with					
gastroen		and	-Practice medical and	-Nursing care	check list					
terology,	(1 week night	educate	surgical asepsis .and	study and	-					
renal,	duty)	patients	standard safety	presentation	Evaluation					
hematol	uuty)	and	measures	-1	of care					
ogy,	/	families	-Administer	-Drug book	study,					
neurolog			medications	-Drug	presentati					
у,			oral, IV,IM,	presentation	on					
endocrin			subcutaneous and	-Clinical	-					
e)			intradermal	presentation	Completio					
			-IV therapy		n of					
			-IV cannulation		activity					

-maintenance and record monitoring I/O Chart. -oxygen therapy by different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and procedures	II			ı
-oxygen therapy by different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		-maintenance and		record
different methods -Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Blowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		monitoring I/O Chart.		-OSCE
-Nebulization -Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		-oxygen therapy by		
-Chest physiotherapy -Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		different methods		
-Nasogastric feeding -Assist in common diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		-Nebulization		
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diagnostic procedures -Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	. 17	-Nasogastric feeding		
-Assist in common therapeutic procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	4 ° ° '	-Assist in common	é .	
therapeutic         procedures         -Blood and component         therapy         -Throat suctioning         -Collect specimens for         common         investigations         -Maintain elimination         - bladder         catheterization         -Bowel wash         -enema         -maintain continuous         bladder drainage         -Teaching related to         specific disease         conditions		diagnostic procedures	19.	
procedures -Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	2	-Assist in common	1.2	
-Blood and component therapy -Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	-	therapeutic		
Threat suctioning         -Collect specimens for         common         investigations         -Maintain elimination         - bladder         catheterization         -Bowel wash         -enema         -maintain continuous         bladder drainage         -Teaching related to         specific disease         conditions	3	procedures		
-Throat suctioning -Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		-Blood and component		01
-Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	<	therapy		0
-Collect specimens for common investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		-Throat suctioning		
investigations -Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	4	-Collect specimens for		1.11
-Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	CÉ .	common		
-Maintain elimination - bladder catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	1	investigations		)
catheterization -Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	4	-Maintain elimination	· _ ^	
-Bowel wash -enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and	6	- bladder	69	
-enema -maintain continuous bladder drainage -Teaching related to specific disease conditions and		catheterization		
-maintain continuous bladder drainage -Teaching related to specific disease conditions and	भारते भ	-Bowel wash	at -	
bladder drainage -Teaching related to specific disease conditions and		-enema		
-Teaching related to specific disease conditions and		-maintain continuous		
specific disease conditions and		bladder drainage		
conditions and		-Teaching related to		
		specific disease		
procedures		conditions and		
		procedures		

		-Provide	-Physical examination	-Plan and	Assess
		nursing	of cardiovascular	provide care	performa
		care to	system	to 3-4	nce with
		clients with	-recording ECG	assigned	rating
		cardiac	-Assisting in diagnostic	patients	scale.
		medical	and therapeutic	-Nursing care	-Assess
		disorders	procedures-	plan -1	skill with
	1	-Counsel	-Administer cardiac	é.	check list
Cardiolo	1	and	drugs	-Drug book	Evaluation
gy Ward	-4 ·	educate	- cardiopulmonary	-Drug	of case
3		patients	resuscitation	presentation	study,
		and	-Teach patients and	-Teaching	presentati
		families	families	patients and	on
~			-Practice medical and	families	Completio
			surgical asepsis and	·	n of
			standard safety		activity
100			measures	//	record
		-Identify	-Assessment of	-Plan and	Assess
	6	common skin	patients with skin	provide care	performa nce with
	-	problems	disorders and	to 3-4	rating
		and communica	communicable	assigned	scale. -Assess
Dermato	3	ble	diseases	patients	skill with
logy and		diseases -Provide	-practice barrier	-Health talk	check list Evaluation
Commun	2	nursing	nursing and isolation	- Drug book	of case
icable	_	care to clients with	techniques – Assist in	-Case	presentati on , health
disease		skin disorders	diagnostic /	presentation	talk Completie
ward		and	therapeutic		Completio n of
		communica ble	procedures		activity record
		diseases			record
		-Counsel and			
		educate			

		patients and								
		families Provide		-Emergency	Report of	Assess				
		emergenc	y	assessment of patients	activities	performa nce with				
Casualty		care t	0	with medical		rating				
		patients		emergencies		scale. -Assess				
emergen	_	with		-Assist in diagnostic		skill with				
су	1	various		and	¢.	check list				
Departm ent		medical		therapeutic	4,	Evaluation of reports				
ent	1	emergenc	i	procedures-	5.2	Completio n of				
-	2 × 1	es		- Counsel and educate		activity				
				patients and families		record				
		Provide		-Assessment of	- Provide	Assess				
		care t	0	seriously ill patients	care to 1-2	performa nce with				
		patients		- Monitor the patients	assigned	rating				
		with critic	al	conditions with	patients	scale. -Assess				
CC.		medical		continuous monitoring	-Nursing	skill with				
Medical						illnesses		equipments	care plan-1	check list Evaluation
ICU	1			- Assist with diagnostic	-Drug book	of care				
100		6		and therapeutic	59	plan Completio				
				procedures		n of				
		100	1	- Technical skill in using		activity record				
				various equipments	- 1 . 					
	/			- Use flow sheets for						
			_	recording						

## **Clinical Assignments**

- 1) Nursing Care Plan (4)
- 3) Clinical presentation-1
- 5) Health talk-1
- 7) Drug File

- 2) Nursing Care Study 1
- 4) Drug Presentation 1
- 6) Practical Record
- 8) Log Book

## PATHOLOGY

#### **Placement: II Year**

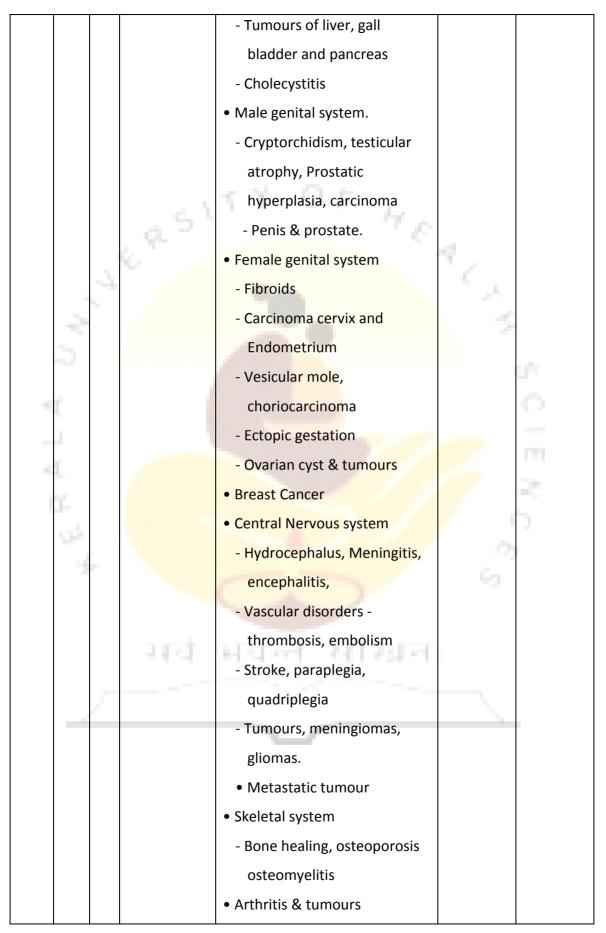
## Total 30 hours (Theory-20 hours; Lab-10 hours )

Course Description:

This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in the practice of nursing.

	sj Pr	Objectives	Content     Introduction	learning activities	ment methods
0 4 .	1	0		1	
		- Define the	<ul> <li>Importance of the study of pathology</li> <li>Definition of</li> </ul>	13	
		common terms	terms <ul> <li>Methods and</li> </ul>		20.2
£.,		pathology - Appreciate	Cellular and     Tissue changes	- Lecture	ENC
3		deviations from	<ul> <li>Inflammations and</li> </ul>	- Discussio n	Short answers
	,	normal to abnormal structure and	<ul> <li>Infections</li> <li>Wound healing</li> <li>Vascular changes</li> <li>- Cellular growth.</li> </ul>	- Explain using Charts	Objective Type
		functions of the body system.	<ul> <li>Neoplasms</li> <li>Normal and Cancer cell</li> <li>Benign and Malignant growths</li> </ul>		
	3	÷.	A terms used in pathology - Appreciate the deviations from normal to abnormal structure and functions of the body	ItermsMethods and techniquespathology• Cellular and Tissue changespathology• Cellular and Tissue changes• Appreciate• Infiltration and regenerationdeviationsregenerationfrom• Inflammations and Infectionsnormal toInfectionsabnormal• Voscular changesand• Cellular growth,functions of system.Neoplasmsthe body• Normal and Cancer celle• Benign and Malignant	3       terms       . Methods and used in       . Methods and techniques       . Lecture         pathology       . Cellular and Tissue changes       - Lecture         · Appreciate       . Infiltration and       -         the       . Infiltration and       -         from       . Infiltrations and       n         normal to       . Infections       . Explain         abnormal       . Wound healing       using         structure       . Vascular changes       Charts         and       Cellular growth,       .         the body       . Normal and Cancer       .         system.       cell       . Benign and Malignant       .

			- Disturbances of fluid		
			and electrolyte		
			imbalance.		
			Special pathology		
			<ul> <li>Pathological changes in</li> </ul>		
			disease conditions of various		
		N	systems:	- Lecture	
		Q. 77	Respiratory tract		
		61	- Tuberculosis, Bronchitis.	Discussio	
	-		- Pleural effusion and	n	
20			pneumonia	- Explain	
-			- Lung abscess, emphysema,	using	
			bronchiectasis	charts,	(P
		Explain	- Bronchial asthma, Chronic	slides	0
		Pathological	obstructive Pulmonary	specimen	Short
1		changes in	disease & tumours.	,	answers
		disease	Cardio-vascular system	X-rays	25
II 10	5	conditions	- Pericardial effusion	and	Objective
1.00		of	- Rheumatic heart disease	Scans	type
		va <mark>rious</mark>	- Infective endocarditis	60	type
		systems		- Visit to	
			atherosclerosis	Patholog	
		मय	- Ischemia, infarction &	у	
	ļ.,		aneurysm	lab,	
	4		Gastro Intestinal Tract	endoscop	
			- Peptic ulcer, typhoid	У	
			- Carcinoma of GI tract,	unit and	
			buccal, Esophageal, Gastric	ОТ	
			& intestinal		
			• Liver, Gall bladder & pancreas		
			- Hepatitis, Chronic liver,		
			abscess, cirrhosis		
		I			



				Clinical pathology		
				<ul> <li>Various blood and bone</li> </ul>		
				marrow tests in assessment		
				and monitoring of disease		
				conditions.		
				- Hemoglobin	- Lecture	
			251	- RBC, White cell & platelet counts	- Discussio	
			Describe	- Bleeding time, clotting time	n	
		-4	various	and	e,	
			laboratory	prothrombin time	Demonst	Short
	1		tests	- Blood grouping and cross	ration	answers
-	2		in	matching	- Visits to	0
· · · · · ·	4	3	assessment	- Blood chemistry	Clinical	Objective
			and	- Blood culture	patholog	type
1			monitoring	- Serological and	<mark>y &amp;</mark>	
			of disease	immunological tests	Bio-	25
	Ŀ-, .		conditions.	- Other blood tests	chemistr	5
	Ψ.			- Examination of Bone	У	
	- 2			marrow	lab and	
				<ul> <li>- Methods of collection of</li> </ul>	Blood	
				blood specimen for various	bank	
			편의	clinical pathology,		
		1		biochemistry, microbiology		
	-	-		tests, inference and normal	<u> </u>	
				values.		
			Describe	Examination of body cavity	- Lecture	-Short
			the	fluids, transudates and	Discussio	answers
IV	2	1	laboratory	exudates.	n	
			tests	<ul> <li>The laboratory tests used in</li> </ul>	-	Objective
			for	CSF analysis	Demonst	type

			examination	• Examination of other body	ration	
			of body	, cavity fluids, transudates		
			, cavity	and exudates - sputum,		
			, fluids,	wound discharge etc.		
			transudates	<ul> <li>Analysis of gastric and</li> </ul>		
			and	duodenal contents		
			exudates	Analysis of semen-sperm		
				count, motility and		
			6	morphology and their	9	
		4		importance in infertility	15	
	20			<ul> <li>Methods of collection of CSF</li> </ul>	-5	
	5			and other cavity fluids		
				specimen for various		(h
-	C			clinical pathology,		0
	4			biochemistry, microbiology		
-	¢			tests,		191
	£			• inference and normal	<b>7</b>	-2
	ish.			values.	1	5
	1			Urine and faeces		
				Urine and faeces	69	
			Describe	- Physical characteristics		
			the	- Analysis	- Lecture	Short
			laboratory	- Culture and sensitivity	Discussio	answers
		5	tests	• Faeces	n	answers
v	1	1	for	- Characteristics	-	Objective
			examination	- Stool examination: occult	Demonst	type
			of Urine and	blood, ova, parasite and cyst,	ration	-71
			faeces.	reducing substance etc.		
				<ul> <li>Methods of collection for</li> </ul>		
				various tests, inference and		
				normal values.		

## References

- Mohan, H. Text Book of Pathology. New Delhi: Jay Pee.
- Kumar, V., Abbas, A. K., Fausto, N. Robins Cotran . Pathologic Basis of Diseases. Philadelphia: W. B. Saunders .
- Smith, L. Microbiology and Pathology. St. Louis: C. V. Mosby Company.
- Robbins, S. L., Kumar, V. Basic Pathology. Philadelphia: W. B. Saunders .
- Swaminathan ,Pathology for Nurses, New Delhi: Jay Pee

# MEDICAL SURGICAL NURSING (ADULT including GERIATRICS) –I

## SURGICAL NURSING

## Placement: II Year

Theory - 110hrs

Nursing faculty- 75 hrs + External faculty- 35hrs Practical: 520 hrs

## Course description:

This course is designed to enable the students to recognize the etiology, pathophysiology, clinical manifestations, diagnosis and management of patients with common surgical conditions and provide comprehensive nursing care based on nursing process during the pre operative, intra operative, and post operative period.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Eval uation
		-Describe the	<ul> <li>Surgery &amp; surgical nursing.</li> <li>-History &amp; trends in</li> </ul>		
	6	concepts of surgical	• -History & trends in surgery & surgical nursing.	Lecture Discussion	Short
I	NF-4 EF-2	nursing Identify the	<ul> <li>-Wound- types, wound healing,.</li> </ul>	Demonstra tion	answers Very
	(surge on)	current trends in surgery and surgical nursing	<ul> <li>-Inflammation, abscess,</li> <li>-Wound infection, surgical</li> <li>dressing.</li> <li>-Role of nurse in the care</li> </ul>	Supervised clinical practice	short answers

		Idontify the	of nationts undergoing		
		Identify the	of patients undergoing		
		role of nurses	surgery–pre operative,		
		in the	intra operative, immediate		
		management	and late post operative		
		of a patient	period.		
		undergoing	<ul> <li>-Haemorrhage, shock</li> </ul>		
		surgery.	TY OF N.		
		-Describe the	Operating Room Technique		
		organization	<ul> <li>Organization and physical</li> </ul>	9,	
	1.1	and physical	set up of operation	1 A.	
	2	set u <mark>p o</mark> f	theatre, OT design, OT	5	
	5	Operation	team, Duties and		
		Theatre,	responsibilities		n
	<	-Identify the	of nurse in OT, OT dress		0
		instruments	code, principles of		
	d	and	operation theatre	Lecture .	rn.
	20	eq <mark>uipments</mark>	technique, OT Table,		Short
		us <mark>ed for</mark>	• Suture materials,	Discussion	answers
	NF-15	common	equipments in	Demonstra	
11	EF-5	surgical	OT,Instruments for	tion	Very
	(Anae	procedures	common surgical	Supervised	short
	stheti	-Describe the	procedures.	clinical	answers
	st)	perioperative	<ul> <li>-Positions and draping for</li> </ul>	practice	
	1	nursing care	common surgical	_	
	-	- Describe the	procedures, scrubbing,		
		infection	gowning, gloving.		
		control	<ul> <li>-Preparation of instrument</li> </ul>		
		measures in	trolley for major & minor		
		the operation	surgeries.		
		theatre	<ul> <li>-Maintenance of</li> </ul>		
		- Describe the	therapeutic environment		

		care of	in OT.		
		patients	<ul> <li>-Monitoring patients</li> </ul>		
		undergoing	during surgical procedures.		
		anesthesia	<ul> <li>Infection control in OT,</li> </ul>		
			Standard precautions,		
			disinfection, sterilization,		
			fumigation of OT,		
		a 5 '	biomedical waste		
		6	management in OT,	4.	
		7	<ul> <li>-Prevention of accidents</li> </ul>	- S. J.	
	100		and hazards in OT	-5	
	-		<ul> <li>- Anesthesia:</li> </ul>		
			-types of anesthesia,	-	P
	×		anesthetic agents,		0
			methods of		
	× .		administration,		
	ci.		equipments, stages of	<b>7</b>	2
	esh.		anesthesia,	r (	3
	1		-Pre anesthetic check up,	- 01	
			Premedication,	69	
			management of patients		
		112	before , during & after		
			anesthesia.		
	1		-Complications of		
			anesthesia.		
	18	Describe the	Nursing management of	Lecture,	Essay
	NF-12	pre and post	patients undergoing		
ш	EF-	operative	Gastrointestinal surgeries	Discussion,	Short
	6(surg	management	<ul> <li>Etiology, pathophysiology,</li> </ul>		answers
	eon)	of patients	clinical manifestations,	Demonstra	
	,	undergoing	diagnosis, surgical &	tion	Very

	Gastrointestina	nursing management of	Supervised	short
	l surgeries	patients with disorders of :	clinical	answers
		- Oral cavity:	practice	
		Inflammation, Infection,		
		pre malignant & malignant		
		lesions of oral cavity		
		<ul> <li>–Oesophagus :</li> </ul>		
	a 9 '	Inflammation,Stricture,		
	6	obstruction, bleeding,	4,	
	4	carcinoma of oesophagus	- S. J.	
20		<ul> <li>-Stomach &amp;duodenum :</li> </ul>	15	
-		Pyloric stenosis, tumours,		
		bleeding, Carcinoma	-	P
		stomach, hiatus hernia.		0
		• -Small and large intestine:		
		inflammation, infection,	100	111
		enteritis, obstruction,		2
1.1		tumour, perforation.	/ (	3
× 2		Inflammatory bowel		
		disease, intestinal	69	
		obstruction, acute		
	1124	abdomen		
		- Hernia,		
1		<ul> <li>Appendix: Appendicitis</li> </ul>	_	
		<ul> <li>-Rectum and Anal canal:</li> </ul>		
		Haemorrhoids, Anal		
		fissure, Fistula, Carcinoma		
		rectum, Pilonidal cyst.		
		• -Gall bladder:		
		inflammation, infection,		
		tumours.		
		120		

			<ul> <li>-Pancreas: inflammation,</li> </ul>		
			cyst, abscess, tumours.		
			Nursing management of		
			patients undergoing renal		
			and genitourinary surgeries		
			<ul> <li>-Etiology, pathophysiology,</li> </ul>		
			clinical manifestations,		
		a. 5. 1	diagnosis, medical, surgical		
		6	and nursing management	4,	
		Describe the	of patients with disorders	Lecture,	
	10	pre <mark>&amp; Post</mark>	of :		Essay
	8	operative	<ul> <li>-Kidney: Congenital</li> </ul>	Discussion,	
	NF-5	management	anomalies,		Short
IV I	EF-3	of	hydronephrosis, renal	Demonstra	answers
	(urolo	patients	calculi, tumours	tion,	
	gist)	undergoing	• -Ureter, urinary bladder		Very
		renal and	and urethra:	Supervised	short
		genito urinary	inflammation, infection,	clinical	answers
	1	sur <mark>geries</mark>	stricture, obstruction,	practice	
			tumours.		
			• -Prostate : Benign prostatic		
		1124	hypertrophy, Carcinoma		
		20154	prostrate,		
			<ul> <li>-Hydrocoele, epispadias,</li> </ul>		
	-		hypospadias, phimosis		
		Describe the	Nursing management of	Lecture,	
		pre & post	patients undergoing thoracic	, <b>-</b> ,	Essay
		operative	and vascular surgeries	Discussion,	,
v	5	nursing	<ul> <li>Etiology, pathophysiology,</li> </ul>	,	Short
		management	clinical manifestation,	Demonstra	answers
		of patients	diagnosis, medical, surgical	tion,	
				· - /	

		undergoing	and nursing management		Very
		thoracic &	of patients with:	Supervised	short
		vascular	<ul> <li>Empyema, lung abscess,</li> </ul>	clinical	answers
		surgeries	carcinoma lung,	practice	
			pneumothorax, chest		
			injury, surgical		
			emphysema.		
		a. 5 '	• -Vascular disorders:		
		6	Thrombo Angitis	4.	
		4	obliterans, Raynaud's	- S.J.	
	20		disease, varicose vein and	1.	
	- C		Aneurysms		
	100		Nursing management of	-	ř
	< - 1		patients with disorders of		c .
			musculoskeletal system		
	d		• -Review of anatomy &	1311	171
	1		physiology of		2
	and a second	Describe the	musculoskeletal System	Lecture,	
	15	pre <mark>&amp;Post</mark>	-Assessment of patients		Essay
	NF-10	operative	with musculoskeletal	Discussion,	,
	EF-5	management	Disorders.		Short
VI	(Orth	of	<ul> <li>-Etiology, pathophysiology,</li> </ul>	Demonstra	answers
	opaed	patients with	clinical features,	tion,	
	ic	musculoskeleta	investigations, medical,	_	Very
	surge	l disorders	surgical and nursing	Supervised	short
	on)		management of patients	clinical	answers
			with :	practice	
			<ul> <li>Inflammation and trauma</li> </ul>		
			of muscles, ligaments and		
			joints-osteoarthritis,		
			rheumatoid arthritis ,		
			122		

			osteomyelitis,		
			osteomalacia,		
			osteoporosis, pott's spine,		
			paget's disease, bone		
			tumours.		
			<ul> <li>-Subluxation ,Dislocation</li> </ul>		
		- N	<ul> <li>Fracture of bones,</li> </ul>		
		. e	-Prolapsed Inter vertebral		
		S	disc	~,	
	1.1	4	<ul> <li>-Congenital disorders of</li> </ul>	12	
	- 24		bones	5	
	2		Nursing management of		
			patients with miscellaneous		
	¢.		surgical conditions		
	1	Describerthe	<ul> <li>-Review of anatomy –</li> </ul>	Lecture,	
	₫	Describe the	breast, thyroid.		- Freedow
		pre & Post	<ul> <li>-Etiology, pathophysiology</li> </ul>	Discussion,	Essay
	8	operative	clinical manifestations,		
	NF-4	management	diagnosis, medical, surgical	Demonstra	Short
VII	EF-4	of	and nursing management	tion,	answers
	(Surg	patients with	of patients with benign		
	eon)	miscellaneous	and malignant tumours of :	Supervised	Very
		surgical	• -Breast	clinical	short
	1	conditions	• -Thyroid	practice	answers
	-		<ul> <li>-Management of patients</li> </ul>		
			with Burns,		
			<ul> <li>-Poly trauma</li> </ul>		
	15	Describe the	Nursing management of	Lecture,	Essay
VIII	NF-10	etiology,	patients with disorders of		
	EF-5	pathophysiolog	Ear, Nose and Throat.	Discussion,	Short

(ENT	у,	<ul> <li>-Review of anatomy &amp;</li> </ul>		answers
surge	clinical	Physiology of ear, nose &	Demonstra	
on)	manifestations,	throat.	tion,	Very
	diagnosis and	<ul> <li>-Assessment and</li> </ul>		short
	medical,	diagnostic measures of	Supervised	answers
	surgical and	patients with disorders of	clinical	
	nursing	ear, nose and throat	practice	
	management	<ul> <li>-Etiology, pathophysiology,</li> </ul>		
	of patients	clinical manifestations,	9	
	with disorders	diagnosis, medical, surgical	12	
2	of ea <mark>r nose</mark> ,	& nursing management of	5	
3	and throat	patients with disorders of :		
		• -Ear-foreign bodies,		P
- C		impacted wax, otitis		0
		media, tympanic		
<<		membrane perforation,		
Cí-		Otosclerosis, mastoiditis,		
10		tumours, Meniere's		)
- 4		disease, labyrinthitis,		
		Deafness.	60	
		<ul> <li>- Disorders of Nose-</li> </ul>		
	मार्च	common cold, sinusitis,		
		epistaxis, deviated nasal		
1		septum, nasal polyps.		
		<ul> <li>-Disorders of Throat -</li> </ul>		
		Pharyngitis, tonsillitis,		
		adenoiditis, peritonsilar		
		abscess, Laryngitis,		
		<ul> <li>-Upper air way</li> </ul>		
		obstruction, cancer of		
		larynx.		

<ul> <li>-Communicating with impaired hearing and mute - Instillation of ear drops</li> <li>Nursing management of patients with disorders of the Eye         <ul> <li>-Review of anatomy &amp;physiology of Eye,</li> <li>-Review of anatomy &amp;physiology, pathophysiology, clinical manifestations,</li> <li>Very, clinical manifestations,</li> <li>Medical, surgical and nursing management of patients with:</li> <li>-Stye, Chalazion, conjunctivitis, Trachoma, Darryocystitis, squint, keratitis, eye injuries, glaucoma, cataract, tumours of the</li> <li>eye, refractive errors, retinal detachment,</li> <li>Ocular emergencies, blindness, enucleation.</li> <li>-Eye banking</li> <li>-Application of eye ointment, Instillation of eye drops.</li> </ul> </li> </ul>				• Communicating with		
Image:				_		
IX       NF-10       Describe the etiology, pathophysiolog y, clinical manifestations, investing management of patients with disorders of eye.       - Review of anatomy & hypisology, pathophysiology, clinical manifestations, investing management of patients with:       Lecture, clinical manifestations, investing management of patients with:         NF-10       diagnostic measures, investing management of patients with:       - Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, tion, investing management of patients with:       Demonstra tion, investing management of patients with:         Iogist)       medical, surgical and nursing management of patients with:       - Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, tion, investing management of patients with:       Supervised clinical practice         vith disorders       of patients       - Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, tion, investing management, of patients with isorders, of Eye.       - Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, tion, investing management, interview, inter				impaired hearing and mute		
IX       Patients with disorders of the Eye       - Review of anatomy & physiology of Eye,       - Assessment & diagnostic measures of patients with disorders of eye.       - Assessment & diagnostic measures of patients with disorders of eye.         IX       Describe the etiology, pathophysiolog y, clinical manifestations, with disorders of eye.       - Etiology, pathophysiology, clinical manifestations, anagement of patients with:       Lecture, to patients with disorders of eye.         IS       manifestations, measures, (opht medical, surgical and logist)       Demonstra tion, conjunctivitis, Trachoma, Dacryocystitis, squint, to f patients with disorders of Eye.       Demonstra tion, conjunctivitis, Trachoma, Dacryocystitis, squint, to f patients with disorders, of Eye.       Short answers         I S       medical, forgical and logist)       nursing management of patients, glaucoma, cataract, tumours of the eye, refractive errors, retinal detachment,       Supervised clinical practice       Short answers         I S       of Eye.       - Ocular emergencies, blindness, enucleation.       - Eye banking       - Application of eye ointment, Instillation of       - Application of eye         I S       - Application of eye       - Application of eye       - Application of eye       - Application of eye				<ul> <li>Instillation of ear drops</li> </ul>		
IX Prior Pri				Nursing management of		
IX Provide the etiology, pathophysiology of Eye, -Assessment & diagnostic measures of patients with disorders of eyeAssessment & diagnostic measures of patients with disorders of eyeAssessment & diagnostic measures of patients with disorders of eyeEtiology, pathophysiology, clinical manifestations, v, clinical manifestation, conjunctivitis, Trachoma, Dacryocystitis, squint, deratitis, eye injuries, glaucoma, cataract, tumours of the veye, refractive errors, retinal detachment, evey, refractive errors, retinal detachment, e-Eye banking -Application of eye ointment, Instillation of vego ointment, Instillation of vego ointment, Instillation of vego ointment, Instillation of vego ointment, Instillation of vegot vego				patients with disorders of the		
IX IX IX IX IX IX IX IX				Еуе		
IX Describe the etiology, pathophysiolog y, clinical manifestations, (opht halmo logist) Ist ist ist ist ist ist ist ist ist ist i			N	<ul> <li>-Review of anatomy</li> </ul>		
IX       Describe the etiology, pathophysiolog y, clinical manifestations, withic diagnostic       Lecture, Lecture, Lecture, Lecture, Clinical manifestations, Pathophysiology, Computed Surgical and Nursing management of Patients with disorders of eye.       Lecture, Pathophysiology, Clinical manifestations, Pathophysiology, Clinical and Nursing management of Patients with:       Demonstra tion, Pathophysiology, Computed Supervised Pathophysiology, Computed Pathoph			. e. "	&physiology of Eye,		
IXDescribe the etiology, pathophysiolog y, clinical manifestations, y, clinical manifestations, y, clinical manifestations, y, clinical manifestations, y, clinical manifestations, with diagnostic ter-5diagnostic patients with: of patients with disorders of Eye.Lecture, biscussion, Discussion, nursing management of patients with: of patients tion, conjunctivitis, Trachoma, Dacryocystitis, squint, keratitis, eye injuries, glaucoma, cataract, tumours of the of Eye.Demonstra ton, conjunctivitis, Trachoma, Dacryocystitis, squint, keratitis, eye injuries, retinal detachment,Very short answersIXImage: Complex			S	<ul> <li>-Assessment &amp; diagnostic</li> </ul>	9,	
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<ul> <li>IX pathophysiolog y, clinical manifestations, NF-10</li> <li>IS manifestations, NF-10</li> <li>diagnostic (opht halmo logist)</li> <li>Medical, surgical and nursing medical, surgical and nursing management of patients with disorders of Eye.</li> <li>- Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, keratitis, eye injuries, glaucoma, cataract, tumours of the</li> <li>• Ocular emergencies, blindness, enucleation.</li> <li>• Eye banking</li> <li>• Application of eye ointment, Instillation of</li> </ul>		2		disorders of eye.	5	
IX       y, clinical manifestations, NF-10       ·Medical, surgical and nursing management of patients with:       Discussion, patients with:       Essay         IX       EF-5       measures, medical, surgical and nursing management of patients with disorders of Eye.       ·Medical, surgical and nursing management of patients with:       Demonstra tion, conjunctivitis, Trachoma, Dacryocystitis, squint, keratitis, eye injuries, glaucoma, cataract, tumours of the • eye, refractive errors, of Eye.       Very short answers         IX       F-5       ····································		3		• -Etiology, pathophysiology,		
15       manifestations,       • Medical, surgical and       Discussion,       Essay         NF-10       diagnostic       patients with:       Discussion,       Short         (opht       medical,       - Stye, Chalazion,       Demonstra       answers         (opht       medical,       - Stye, Chalazion,       Conjunctivitis, Trachoma,       Demonstra       answers         logist)       nursing       Dacryocystitis, squint,       Supervised       Very         management       of patients       glaucoma, cataract,       practice       Short         with disorders       of Eye.       eye, refractive errors,       retinal detachment,       Practice       Short         • Occular emergencies,       blindness, enucleation.       - Eye banking       - Application of eye       - Application of eye       - Application of eye				clinical manifestations,	Lecture,	P
NF-10       diagnostic       patients with:       patients with:       patients with:       permonstra       short         investing       measures,       - Stye, Chalazion,       tion,       permonstra       answers         investing       surgical and       patients with:       - Stye, Chalazion,       tion,       Very         investing       nursing       management       ofopatients       glaucoma, cataract,       tumours of the       very         investing       of patients       eye, refractive errors,       retinal detachment,       investing       answers         investing       - Eye banking       - Application of eye       - Application of eye       intment, Instillation of       intent, Instillation of		<		• Medical, surgical and		Essay
NF-10       diagnostic       patients with:       Demonstra       Short         IX       measures,       - Stye, Chalazion,       tion,       answers         (opht       medical,       - Stye, Chalazion,       tion,       surgical and         logist)       nursing       Dacryocystitis, squint,       Supervised       very         management       of patients       glaucoma, cataract,       practice       short         with disorders       of Eye.       eye, refractive errors,       retinal detachment,       o         • Occular emergencies,       blindness, enucleation.       - Eye banking       - Eye banking       - Application of eye		15	manifestations,	nursing management of	Discussion,	
IX       EF-5       measures, medical, halmo       - Stye, Chalazion, conjunctivitis, Trachoma, Dacryocystitis, squint, keratitis, eye injuries, management of patients       Demonstra tion,       answers         Malmo       surgical and nursing       Dacryocystitis, squint, keratitis, eye injuries, glaucoma, cataract, tumours of the       Supervised clinical practice       Very short answers         Malmo       for patients       with disorders of Eye.       eye, refractive errors, retinal detachment,       Supervised clinical practice       Hereitan answers         Malmo       EF-5       Imagement of patients       Ocular emergencies, blindness, enucleation.       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice         Malmo       EF-5       Imagement of Eye.       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice         Malmo       Imagement of Eye.       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice         Imagement of Eye.       Imagement of Eye.       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice         Imagement of Eye.       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice       Imagement clinical practice		NF-10	diagnostic	patients with:		Short
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of patients with disorders of Eye.			management		clinical	
with disorders       • eye, refractive errors, retinal detachment,         of Eye.       • Ocular emergencies, blindness, enucleation.         • Eye banking       • -Eye banking         • Oplication of eye ointment, Instillation of       • Oplication of eye			of patients		practice	
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Ocular emergencies, blindness, enucleation.     -Eye banking     -Application of eye     ointment, Instillation of			of Eye.			
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<ul> <li>-Eye banking</li> <li>-Application of eye ointment, Instillation of</li> </ul>						
-Application of eye     ointment, Instillation of						
ointment, Instillation of						
				<ul> <li>Application of eye</li> </ul>		
eye drops.				ointment, Instillation of		
				eye drops.		

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## SURGICAL NURSING -PRACTICAL

Total – 520 hours (13 weeks)

Area	Durati on (in week)	Objectives	Skills	Assign ments	Assessment methods
Surgical Ward & Burns unit	week) 4 (1 week night duty)	Provide pre & post operative care to patients undergoing Surgeries Surgeries ve care to patients with burns	-Preoperative preparation of patients, receiving patients after surgery, monitoring of patients after surgery, care of wounds & drains, suture removal -Chest physiotherapy, -Ambulation and exercise after surgery, -Ambulation and exercise after surgery, comprehensive care to patients after surgery, -Management of patients with burns - Health education at	- Preopera tive work up of two patients, -care plan - 2 -care study-1 -Night report	-Assess performance using rating scale -Assess skill with check list -Evaluation of care study, care plan , presentation -Completion of activity record -OSCE
-		Provide	after surgery. -Haemodynamic	-Plan and	Assess
Surgical ICU	1	comprehensi ve care to patients in the immediate	monitoring of patients after surgery, monitor for bleeding and other complications, maintain fluid	provide care to 1- 2 assigned patients	Assess performance using rating scale -Assess skill with check list

		post	&electrolyte balance	-Care	-Evaluation of
		operative	after surgery,	plan-1	careplan ,
					•
		period	-Deep breathing &	-Drug	report of
		-Detect &	coughing exercise,	book	special
		manage	-Chest physiotherapy,	-Report	procedures
		complication	-Endotracheal and oral	of special	-Completion of
		s	suctioning.	procedur	activity record
		after surgery		es	
	1.8	· _		- 17	
	1	Identify	-Scrubbing, gowning,	Assist as	-Assess
	2	instruments	gloving,	a circulator	performance
		used in	carbolization,	y nurse,	using rating
		common	disinfection,	Assist as a srub	scale
		surgeries ,	fumigation,	nurse in	-Assess skill
		Participates	-Setting up of	major surgeries	with check list
		in infection	instrument trolley for	-8	-Completion of
05		control	common surgical	minor surgeries	activity record
		practices in	procedures,	-10,	0
Operati	4	Operation	-Sterilization of	Maintain	19
-		th <mark>eatre,</mark>	instruments,	Daily	-a
on	4	Sets up	-Positioning and	Report. Prepare	
Theatre		instrument	draping of patients for	check list	
		trolley	various surgeries,	for practicin	
		for common	-Assisting in giving	g surgical	
-	-	surgical	Anesthesia,	asepsis in	
		procedures	-Assist with major	operatio	
		Assist in	&minor surgeries,	n Theatre.	
		Surgeries,	Practice surgical	meatre.	
		Provide peri	aseptic techniques		
		operative	Handling specimens.		
		Nursing care.			
L				I	

			-Assess patients with	-Plan and	-Asses
			musculoskeletal	provide care to	performance
			disorders, assist- in	assigned	using rating
	Provide comprehensi	application of plaster	patients -Care	scale	
		ve	cast, skin traction	plan -1	-Assess skill
Orthop		nursing care	&skeletal traction,	-Report of plaster	with check list
aedic	2	to	- ROM exercises,	cast	-Evaluation of
Ward&	2	patients with	-provide	applicati on,	careplan ,
OP	9	musculo-	comprehensive	traction.	presentation,
	1	skeletal	care(pre & post	-case <mark>stud</mark> y/	report of
-	2	disorders.	operative) to patients	presentat ion	special
			with musculoskeletal		procedures
			disorders.		-Completion of
			Contract of the local division of the local		activity record
1			Assess patients with	-Plan and	-Asses
- 45			ENT disorders,	provide	performance
06				care to	using rating
			Assist with diagnostic	assigned	scale
	4	Provide	& therapeutic	patients	-Assess skill
ENT		co <mark>mprehensi</mark>	procedures, instill ear		with check list
wd&	1	ve care to	drops, perform	-	-Evaluation of
OP	-	patients with	tracheostomy care &	Observati	report of
		ENT	suctioning,	on report	special
	/	disorders.	Provide		procedures
			comprehensive care(		-Completion of
			pre & post operative)	-Drug file	activity record
			to patients with		
			ENT disorders.		
Opthal		Provide care	Assess patients with	-Plan and provide	Asses
mology	1	to patients	disorders of eye, assist	care to	performance
Ward,		with Eye	diagnostic &	assigned	using rating

OP, OT		Disorders	therapeutic	patients	scale
			procedures, instill eye	Observati on	-Assess skill
			drops, apply eye	report-	with check list
			bandage, provide pre	OPD, OT, Eye bank	-Evaluation of
			& post operative care	-Drug file	health talk,
			to patients with eye	-Provide health	report of
		7	disorders, health	educatio	special
		4.5 °	education	n to	procedures
	9	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	to patients after eye	patients	-Completion of
	1		surgery .	with eye surgery,	activity record
	1			<b>Observati</b>	-5-
				on	
12				report, -Drug file	02

#### **DETAILS OF PRACTICAL RECORD**

Nursing Care study - 1

Pre operative preparation of selected surgical cases - 2

Nursing Care plan – 4

(surgical Ward – 2, surgical ICU – 1, Orthopaedic ward – 1)

Instrument sets : major surgeries assisted – 2

Instrument sets of a minor surgeries assisted - 2

List of surgeries assisted with details of patients :

(Major surgeries -5, Minor surgeries- 5)

## PHARMACOLOGY

#### Placement: II year

#### Theory – 60 hours.

#### **Course Description:**

This course is designed to enable students to acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.

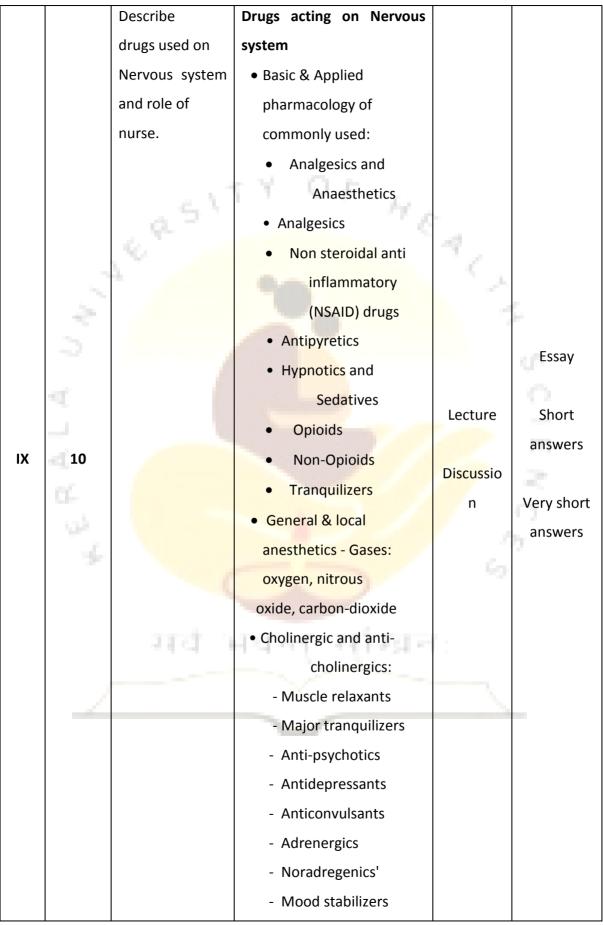
Unit	Time (hours)	Learning objectives	Content	Teaching learning activities	Assess ment method
	WLAU, AV, AV, AV, AV, AV, AV, AV, AV, AV, AV	Describe pharmacodyna mics, pharmacokineti cs, classification and the principles of drug administration	Introduction to Pharmacology -Definitions -Sources -Terminology used -Types: Classification -Pharmacodynamics: Actions: therapeutic, adverse, toxic -Pharmacokinetics: absorption, distribution, metabolism, interaction, excretion. - Review : routes and principles of administration of drugs - Indian Pharmacopoeia: Legal issues - Rational use of drugs - Principles of therapeutics.	Lecture Discussio n	Short answers Very short answers
		Explain	Chemotherapy		_
		chemotherapy	<ul> <li>Pharmacology of</li> </ul>		Essay
		of specific	commonly used	Lecture	
П	10	infections	antibiotics.		Short
		and infestations	-Pencillin	Discussio	answers
		and	- Cephalosporins	n	
		nurse's	- Aminoglycosides		Very short
		responsibilities	- Macrolide &		answers

					ı
			broad spectrum		
			antibiotics		
			- Sulfonamides		
			- Quinolones		
			- Antiamoebic		
			- Antimalarials		
		2.1	- Anthelmintic		
		0.7	- Antiscabies agents		
		S	- Antiviral &	3,	
		4	- anti fungal agents	1 A.	
			- Antitubercular drugs	1	Ç
	25		-Anti leprosy drugs		
			<ul> <li>-Anticancer drugs</li> </ul>		01
	<		• - Immuno suppressants		0
			• Composition, action,	-	
	4		dosage, route,		111
	05		indications,		
	cale -		contraindications, drug		0
	1		• interactions, side		7
		6	effects, adverse effects,	69	
			toxicity		
		- मार्थ - २	<ul> <li>role of nurse.</li> </ul>		
			Pharmacology of		
		Describe	commonly used		Essay
		antiseptics,	antiseptics, disinfectants	Locturo	Chort
		disinfectants,	and insecticides	Lecture	Short
ш	2	insecticides and	<ul> <li>- Antiseptics</li> </ul>	Discussio	answers
		nurse's	<ul> <li>- Disinfectants</li> </ul>		Vorushart
		responsibilities	<ul> <li>- insecticides</li> </ul>	n	Very short
			Composition, action,		answers
			dosage, route,		
L	1	L	132	1	

			indications,		
			contraindications, drug		
			interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		
			Drugs acting on G.I.System		
		251	<ul> <li>Pharmacology of</li> </ul>		
		6.5	commonly used -	4.1	
	-	1	•Antiemetics,	< <u>,</u>	
	1		• Emetics	- C.	c.
			Purgatives		
	~		• Antacids		01
	<	Describe drugs	Cholinergic		Essay
		acting on Gastro	Anticholinergics		
	đ	intestinal	• Fluid and electrolyte	Lecture	Short
IV	4	system and	therapy		answers
	1.10	nurse's	Anti diarrhoeals	Discussio	0
	×.	responsibilities	Histamines	n	Very short
		/	Composition, action,	69	answers
			dosage, route,		
		mot a	indications,		
			contraindications, drug		
	/		Interactions, side		
	-		effects, adverse effects,		
			toxicity and role of		
			nurse.		
		Describe drugs	Drugs used on Respiratory	Lecture	Essay
	-	used on	System		
V	3	Respiratory	<ul> <li>Pharmacology of</li> </ul>	Discussio	Short
		system and	commonly used drugs	n	answers
		system and	commonly used drugs	n	answers

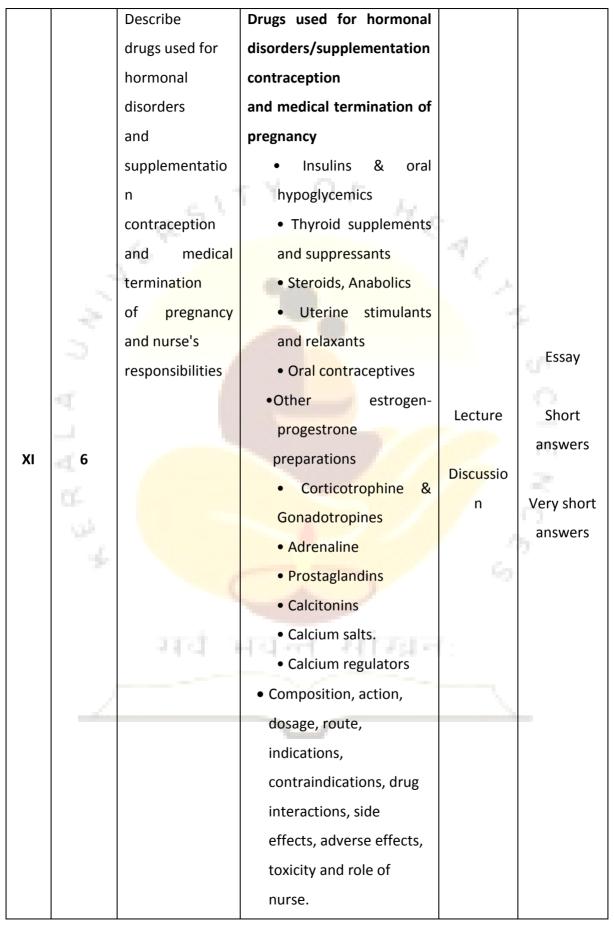
		nurse's	<ul> <li>Anti asthmatics</li> </ul>		
		responsibilities	<ul> <li>Mucolytics</li> </ul>		Very short
			<ul> <li>Decongestants</li> </ul>		answers
			<ul> <li>Expectorants</li> </ul>		
			<ul> <li>Antitussives</li> </ul>		
			<ul> <li>Bronchodilators</li> </ul>		
			Broncho constrictors		
		a 5 '	• Antihistamines		
		61	<ul> <li>Composition, action,</li> </ul>	4.,	
		4	dosage, route,	- ° - X	
	100		indications,		<u>,</u>
	25		contraindications, drug		
			interactions, side		(P
	- 10		effects, adverse effects,		0
			toxicity and role of		
	<		nurse.		171
	CÉ-		Drugs used on Urinary		-0
	cale -		system		0
	-6-		Pharmacology of		7
		6	commonly used.		
		Describe	<ul> <li>Diuretics and</li> </ul>		Essay
		drugs used on	antidiuretics	Lecture	
		Urinary system	<ul> <li>Urinary antiseptics</li> </ul>	Lecture	Short
VI	2	and nurse's	<ul> <li>Cholinergic and anti</li> </ul>	Discussio	answers
		responsibilities	cholinergics	n	
			<ul> <li>Acidifiers and</li> </ul>		Very short
			alkalanizers		answers
			<ul> <li>Composition, action,</li> </ul>		
			dosage , route,		
			indications,		
			contraindications, drug		

			Interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		
		Describe	Miscellaneous Drugs		
		Drugs used in	•Drugs used in		
		de-addiction,	de- addiction		<b>F</b> ace
		emergency,	• Drugs used in CPR		Essay
		deficiency of	and emergency	1	Charat
		vitamins	Vitamins and minerals	Lecture	Short
VII	4	& minerals,	<ul> <li>Immunosuppressants</li> </ul>	<u>.</u>	answers
	-	poisoning,	Antidotes	Discussio	
		immunization	• Antiv <mark>enom</mark>	n	Very short
		and immuno-	Vaccines and sera		answers
		suppression and			
	-C.	nurse's			171
	116	responsibilities	~ / /		25
	1.24	D <mark>escribe drugs</mark>	Drugs used on skin and		Ċ.
	4	use <mark>d on skin &amp;</mark>	mucous membranes		7
		mucous	• - Topical applications for	69	
		membranes	skin, eye, ear, nose and		Essay
		and nurse's	buccal cavity		
		responsibilities	Antipruritics	Lecture	Short
VIII	2		<ul> <li>Composition, action,</li> </ul>		answers
VIII	2		dosage , route,	Discussio	
			indications,	n	Very short
			contraindications, drug		answers
			interactions, side		
			effects, adverse effects,		
			toxicity and role of		
			nurse.		



			- Acetylcholine		
			- Stimulants		
			<ul> <li>Composition, action,</li> </ul>		
			dosage,		
			route, indications,		
			contraindications, drug		
		2.1	interactions, side		
		4. <sup>1</sup>	effects, adverse		
		S	effects,toxicity and role	- P. J	
	1	-	of nurse.	1.2	
	2	Describe	Cardiovascular drugs		Ç
	-25	drugs used on	Haematinics		
		Cardiovascular	• Cardiotonics		02
	1	system and	• Anti anginals		0
		nurse's	•Anti-hypertensives &		
	-C	responsibilities	Vasodilators		1.41
	CL		<ul> <li>Anti-arrhythmics</li> </ul>		Fccov
	1.1		Plasma expanders	<b>7</b>	Essay
	1		•Coagulants &	Looturo	Chart
		1	anticoagulants	Lecture	Short
х	6		Antiplatelets &	Diamaria	answers
		3374 3	thrombolytics	Discussio	Vorseheet
			Hypolipidemics	n	Very short
			Composition, action,		answers
	- Alterna		dosage,		
			route, indications,		
			contraindications, drug		
			interactions, side		
			effects, adverse		
			effects,toxicity and role		
			of nurse.		
[	1	1		L	

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		Demonstrate	Introduction to Drugs used		
		awareness of in alternative system	in alternative systems of		Short
		the	medicine:	Lecture Discussion	answers
VII	6	common drugs	• Ayurveda,		
XII	O	used in	<ul> <li>Homeopathy,</li> </ul>		Very short
		alternative	• Unani		,
		system of	• Siddha etc.		answers
		medicine		4,	

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## **COMMUNITY HEALTH NURSING-I**

### **Placement: II Year**

# Theory - 100 Hours Practical – 160 Hours

Course description:

This course is designed for students to appreciate the principles of promotion and maintenance of health of the individuals, families and community.

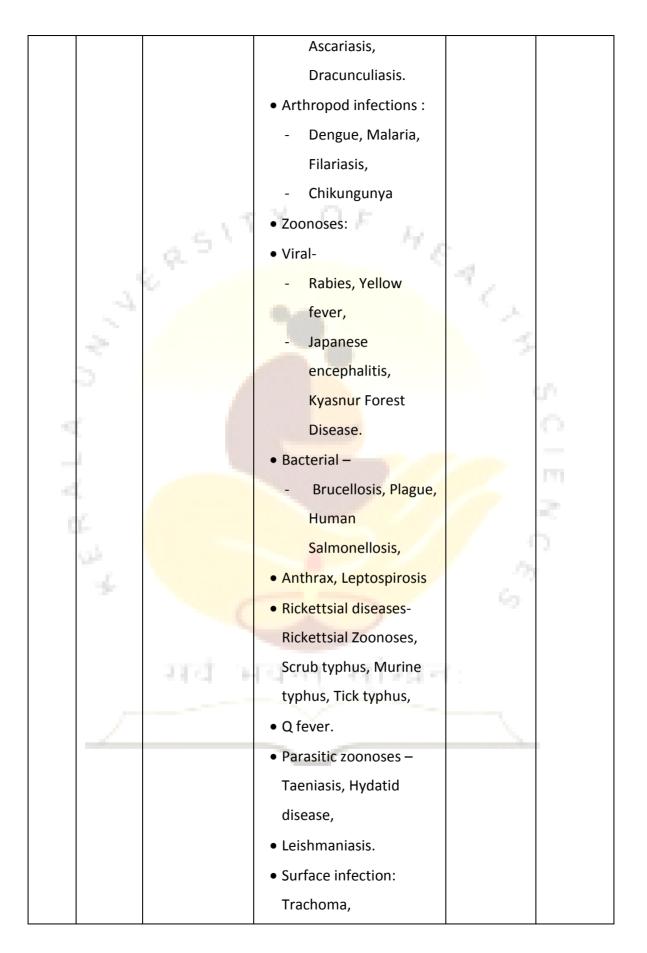
Unit	Time (hours)	Learning Objectives	Content	Teaching learning activity	Assess ment methods
	7, 4, 0	Describe concept and dimensions of health Apply the levels of prevention in health care Promote healthy life styles	INTRODUCTION <ul> <li>Health: <ul> <li>Definition</li> <li>Concept and</li> <li>Determinants of</li> <li>health</li> </ul> </li> <li>Dimensions of Health <ul> <li>Physical,</li> <li>mental,</li> <li>social and</li> <li>spiritual health</li> </ul> </li> <li>Levels of prevention.</li> <li>Protective <ul> <li>immunization, cold</li> <li>chain system</li> </ul> </li> <li>Personal health and</li> <li>Personal hygiene</li> <li>Menstrual hygiene</li> <li>Health Promotion</li> </ul>	Lecture Discussion Charts Participatio n in clinic activities	Essays Short answers
11	25	Identify the environmental	ENVIRONMENTAL HEALTH     Environment-	-Lecture Discussion	Essay

		factors	Definition	using	Short
		affecting	<ul> <li>Components of</li> </ul>	models,	answers
		health	environment	charts and	
			<ul> <li>Environmental</li> </ul>	slides	Very
			Sanitation- Definition		short
			• Environmental Factors:		answers
			- Water, Air, light,		
		<u></u> S``	ventilation, noise,		
		5	climate,	-Field trip	
			- Housing	to water	
	5		- Global warming	treatment	
			• Disposal of waste,	plant,	
			disposal of excreta and	sewage	(h)
			disposal of dead bodies	treatment	0
		Explain the	<ul> <li>Acts regulating the</li> </ul>	plant and	
		importance of	environmental	milk	m
		food hygiene	sanitation -National		2
		and its impact	pollution control board.	g plant,	5
		on health	Arthropods and	hotel /	
		1	Rodents:	restaurant	
			- Mosquito, Houseflies,	etc	
		and a	lice and other vectors		
			<ul> <li>Food hygiene:</li> </ul>		
			production,		
	-		preservation, purchase,		
			preparation,		
			consumption,		
			<ul> <li>Food poisoning</li> </ul>		
			<ul> <li>-Acts regulating food</li> </ul>		
			hygiene, Prevention of		
			food adulteration.		
I I		1			

			PRIMARY HEALTH CARE		
			- Definition, and		
			characteristics		
			- Elements		
			- Principles		
		Describe	Health For All	Lecture	F
		concepts,	• Millennium	discussion	Essay
		principles and	Development Goals	1.	
	5	elements of     elements of     field	Supervised		
	20	pr <mark>imary health</mark>	development Goals		answers
	3	care	• Functions of	practice	
			<mark>Sub Ce</mark> ntre		10 C
			Primary Health		0
_			Centre		
			Community Health		m
0	6		Centre		
	40		EPIDEMIOLOGY	<b>7</b>	, ,
	-6-		Definition, concept,		
		(	aims, scope, uses	Lecture	Essay
		Describe	• Dynamics of disease	discussion	
		concept,	transmission	E state	Short
		scope, uses	<ul> <li>Epidemiological triad</li> </ul>	Explain	answers
IV	10	methods and	<ul> <li>Measurements in</li> </ul>	using Charts,	
		approaches of	Epidemiology:	graphs	Very
		epidemiology	<ul> <li>Morbidity and mortality</li> </ul>	Models	short
			measurements	and slides	answers
			Health indicators	Project	
			<ul> <li>Methods of</li> </ul>	roject	
			epidemiology:		

		Descriptive, Analytical,		
		experimental		
		Epidemic investigation		
		EPIDEMIOLOGY AND		
		NURSING MANAGEMENT		
		OF COMMON		
	Describe	COMMUNICABLE		
	Epidemiology	DISEASES	-	
	and nursing	Respiratory infections:	4.7	
1	management	- Small Pox, Chicken	1 × 2	
2	of common	Pox,	- 5	
5	Communicabl	- Measles, Influenza,		
	e diseases	Rubella,		Essay
-		- ARI & Pneumonia,		LSSdy
-		Mumps,	Lecture	Short
-		- Diphtheria,	discussion	answers
V 25		Whooping cough,		unswers
i da		- Meningococcal	Supervised	Very
4		meningitis,	field	short
	6	- Tuberculosis, SARS,	practice in	answers
		Swine flue	health	
	गर्य भ	<ul> <li>Intestinal Infections :</li> </ul>	centers	
		- Poliomyelitis, Viral	Project	
		Hepatitis,		
		- Cholera,		
		Diarrhoeal		
		diseases,		
		- Typhoid Fever,		
		Amoebiasis,		
		- Hook worm		
		infection,		

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VI       10       Diseases       • Nutritional problems: Malnutrition, under       Lecture         nutrition, over       Lecture       Essay         nutrition, nutritional       deficiencies, Anaemia       And Obesity         and nursing       and Obesity       • Nypertension       Supervised         of common       • Stroke       field       Very         • Rheumatic Heart       practice in       Short         Disease       • Coronary Heart Disease       centers         • Conner       • Diabetes mellitus       • Blindness         • Blindness       • Accidents       • Stroke       • Intervised
--

		scope of	Definition	Discussion	Essay
		demography -Describe	Demographic Cycle	Surveys	
		methods of	• Census	Project	Short
		data collection,	<ul> <li>Demographic trends in</li> </ul>		answers
		analysis and	India		
		interpretation of	<ul> <li>Demographic rates and</li> </ul>		
		oi demographic	ratios		
		data	Demographic and		
		5	reproductive indicators	4.1	
			POPULATION CONTROL	- C _	
	5		Population explosion	1.1	
	2		and its impact on social		
			and economic	-Lecture	un -
	C .		development	discussion	Essay
			Promotion of small	using	
		Describe	family norm-Family	charts,	Short
	÷	methods of	Planning	models	answers
VIII	7	population	Methods of	and slides	5
	1	control	contraception:	- 25	Very
		1	Temporary and	Supervised	short
			Permanent family	field	answers
		and a	planning methods	practice	
			• Emergency		
			contraception		
	-		• MTP		
		Identify the	INFORMATION,	-Lecture	Essay
		various	EDUCATION AND	discussion	
іх	7	aspects of	COMMUNICATION (IEC)	using	Short
		health	- Definition	different	answers
		education and	- Aims & objectives	types of AV	

al	pply in the	Health Education-	aids	
co	ommunity	Principles & approaches	health talks	
h	ealth nursing	• AV aids in Health	Demonstra	
р	oractice	Education	tion	
		<ul> <li>Methods&amp; media of IEC</li> </ul>	Project	
		• Role of nurse in IEC		

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#### **COMMUNITY HEALTH NURSING I – Practical**

#### Placement : II Year

#### Duration: 160 Hrs (4 Weeks)

Areas	Duration (in weeks)	Skills	Assignments	Assessment methods
		-Maintain	Health talk-1	-Assess
Sub	1 week	interpersonal	-Report of the	clinical
Centre		relationship.	activities of	performance
		-Identify health	SC, PHC, CHC,	with rating
Primary	1 week	deviations of	UHC	scales
Health	1	individuals	-Report of	1.2
Centre	2	-History taking	the posting to	-Health talk
		-Physical examination	clinics (Preventive	<mark>-Repo</mark> rt of
		-Collect specimens :	clinic , NCD	observation
Commu		sputum, malaria smear	Clinic and	visits
nity	1 week	-Perform simple lab	Family Planning unit)	
Health		<mark>tests- blood</mark> for	-	-Completion
Centre		Haemoglobin, sugar,	Epidemiologic	of activity
	4	urine for albumin &	al survey- Report	record
	4	sugar	Report of field	
Urban		-Administer vaccines	visits to	60
Health	1 week	and medications to	-Water	
Centre-		adults	purification	1
UHC		-Render need based	plant, Sewage treatment	
		services to the clients	plant and Milk	
		-Educate individuals	pasteurizing	
		on prevailing health	plant,Anganw	
		problems	adi , Meat processing	
		-Conduct	unit,	
		epidemiological survey		
		- chlorination of domestic well.		

#### **THIRD YEAR B.SC NURSING**

#### MEDICAL SURGICAL NURSING -II (ADULT including GERIATRICS)-II

**Placement: III Year** 

Theory: 110 hours Nursing faculty: 80 hours External faculty: 30 hours Practical-400 hours

#### **Course description:**

This course is designed to enable the students to recognize the etiology, pathophysiology, symptomatology, diagnostic measures and management of patients with complex medical and surgical conditions in cardiology, cardiothoracic surgery, neurology, neurosurgery, nephrology, urology, oncology, plastic and reconstructive surgery and emergencies and to provide comprehensive nursing care to such patients.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning activities	Assess ment method
	5 H H F	-Describe the	Nursing management of patients in critical care units • Critical care units : organizational set up,	Lecture Discussion	∂ N ∃
I	8	organization of critical care units. -Describe the role of the nurse in	<ul> <li>policies, staffing norms,</li> <li>principles of critical care nursing</li> <li>protocols, equipments and supplies , ventilators, monitors, infusion</li> </ul>	Explain using charts, graphs, models, films,	Essay Short notes Very short
		managemen t of patients in critical care units.	<ul> <li>pumps, defibrillators,</li> <li>infection control in critical care units.</li> <li>psychosocial aspects.</li> <li>nursing assessment- history&amp; physical</li> </ul>	slides, Demonstr a tion	notes

	1			<b></b>	ī
			examination in the	Practice	
			critical care units	session	
			<ul> <li>Special treatments and</li> </ul>		
			procedures-cardiac	Discussion	
			monitoring,	/	
			haemodynamic	seminar	
			monitoring.		
		0.5	• CPCR- BLS, ACLS	Health	
		6	<ul> <li>transitional care</li> </ul>	education	
	1		<ul> <li>crisis intervention and</li> </ul>	1.2	
	20		stress management.	Supervised	5
	5		<ul> <li>drugs used in critical care</li> </ul>	clinical	
			units.	practice	0
-	C		• records		0
	1		• ethical and legal aspects.	Drug	
-	£		<ul> <li>communication with</li> </ul>	book/	111
	16		patient and family.	presentati	-2
	esh -		~ / / /	on	0
	1				22
			Nursing management of	Lecture	
			patients with emergencies		
		Describe	and disaster situations	Discussion	
			<ul> <li>Disaster nursing:-</li> </ul>		Essay
	1	organization of	- concepts , principles of	Explain	
	12		disaster nursing -	using	Short notes
	12	emergency and disaster	Causes and types of	charts,	
			disaster :	graphs,	Very short
		care	- Natural and man	models,	notes
		services	made-earthquakes,	films,	
			flood, epidemics,	slides,	
			cyclones, tsunami,		
L	1	I	l		1

	fire, explosion,	Demonstr	
	accidents, violence,	а	
	terrorism,	tion	
	biochemical war.		
	<ul> <li>-Policies related to</li> </ul>	Practice	
	emergency/ disaster	session	
	management:		
a. 5	international, national	Discussion	
6	and state, institutional.	1	
4	<ul> <li>-disaster preparedness :</li> </ul>	seminar	
S 1	team, guidelines,	5	
5	protocols, equipments,	Health	
	resources, coordination	education	
	and involvement of		
	community, government	Supervised	
<	departments,	clinical	
×.	nongovernmental	practice	2
a h	organizations,	1	
4	international agencies.	Disaster	
	<ul> <li>role of the nurse in</li> </ul>	managem	
	disaster management.	ent drills	
2121	<ul> <li>legal aspects of disaster</li> </ul>	- T-	
	nursing.	Drug	
	<ul> <li>post traumatic stress</li> </ul>	book/	
	disorder.	presentati	
	• rehabilitation: physical,	on	
	psychosocial, financial,		
	relocation.		
	• Emergency nursing :-		
	- concepts, principles of		
	emergency nursing.		

					[]
			<ul> <li>issues in emergency</li> </ul>		
			care.		
			<ul> <li>Organization of</li> </ul>		
			emergency services :		
			physical set up, staffing,		
			equipments and supplies,		
			protocols.		
		- a 2	<ul> <li>Concepts of triage and</li> </ul>	£	
		6	role of the nurse.	1	
	-		- Coordination and	<ul> <li></li> <li></li> </ul>	
	26		involvement of		<u>s</u> .
	1		different departments		
			and facilities		() ()
	C		- Medico legal aspects		0
	1		Nursing care of the elderly	Lecture	
	£		<ul> <li>Ageing- concepts,</li> </ul>		111
	÷.	E <mark>xplain</mark>	theories, ageing process	Discussion	2
	esh -	c <mark>oncepts,</mark>	• Demographics in ageing		Ô.
	1	th <mark>eories</mark>	<ul> <li>Psychosocial aspects,</li> </ul>	Explain	7
		and	stress and coping in older	using	_
		problems of	adults	charts,	Essay
		ageing.	<ul> <li>Cognitive aspects of</li> </ul>	graphs,	
ш	12		ageing.	models,	Short notes
	1	Describe	<ul> <li>Normal biological ageing.</li> </ul>	films,	Vonuchart
		the nursing	<ul> <li>Age related changes in</li> </ul>	slides,	Very short
		care of the	body systems, health		notes
		elderly.	promotion strategies.	Practice	
			<ul> <li>Common health</li> </ul>	session	
			problems and nursing		
			management:	Case	
			cardiovascular,	presentati	

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Image: Note of the second or the second o				endocrine, genitourinary,		
Image: Note of the sensory organs.       Sensory organs.       Supervised         abuse of the elderly.       Clinical       practice         abuse of the elderly.       Environmental aspects of       ageing.         • Role of the nurse in the       Drug         care of the elderly.       book/         & institutional care.       presentati         • Role of the nurse for       on         caregivers of elderly.       • Role of family, formal and         • Role of family, formal and       visit to old         age homes       • Use of aides and         • Use of aides and       or         • Legal and ethical issues.       • Provisions and         • Provisions and       programmes for the         • Provisiens and horogrammes, and health       services         • Privileges, community       programmes, and health         services       •         • Nr 6       management         management       disorders				gastrointestinal,	Health	
Image: Note of the section of the sectin of the sectin of the section of the section of the sec				neurological, skin & other	education	
Image: Note of the elderly.       Clinical         Image: Note of the elderly.       Practice         ageing.       Role of the nurse in the         Care of the elderly-home       book/         Image: Note of the nurse in the       Drug         Image: Note of the elderly-home       book/         Image: Note of the nurse of or       on         Image: Note of the nurse of caregivers of elderly.       on         Image: Note of the nurse of caregivers of elderly.       Nisit to old         Image: Note of the of the nurse of caregivers.       Nise of aides and         Image: Note of aides and prosthesis (hearing aids, dentures)       Nes of aides and         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes for the       elderly.         Image: Note of aides and programmes and health       services         Image: Note of aides and programmes and health       services         Imanagemen       patients with resp				sensory organs.		
Image:				<ul> <li>Psychosocial and sexual</li> </ul>	Supervised	
N       9       Describe       Augeing.       Imageing.       Imageing.         N       Role of the nurse in the care of the elderly- home       book/       book/         N       Role of the nurse for caregivers of elderly.       On       on         Imageing.       Imageing.       Imageing.       Imageing.       Imageing.         Imag			a. 5	abuse of the elderly.	clinical	
Image: Note of the nurse in the care of the elderly- home book/       Drug book/         Image: Note of the elderly- home book/       Book/         Image: Note of the elderly- home book/       Book/         Image: Note of the elderly- home book/       Image: Note of the elderly- home book/         Image: Note of the elderly- home book/       Image: Note of the elderly- home book/         Image: Note of the elderly- home book/       Image: Note of the nurse for caregivers of elderly.         Image: Note of the informal caregivers.       Image: Note of the elderly formal and prosthesis (hearing aids, dentures)         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.         Image: Note of the elderly.       Image: Note of the elderly.			6	<ul> <li>Environmental aspects of</li> </ul>	practice	
Image: Note of the nurse in the care of the elderly- home book/       Drug         Image: Note of the nurse for care givers of elderly.       presentati         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family, formal and finformal care givers.       On         Image: Note of family.       On		-			< s	L.
Visit		5		• Role of the nurse in the	Drug	0
Note       9       Describe       Nursing management of       Lecture         9       NF 6       Bescribe       Nursing management of       Lecture         Note       Services       Services       Services         NF 6       Bescribe       Nursing management of       Lecture         FF 3       Discussion       Short notes		- C		care of the elderly- home	book/	
Image: Note of the nurse for caregivers of elderly.       On         Image: Note of family, formal and informal caregivers.       Image homes         Image: Note of aides and prosthesis (hearing aids, dentures)       Image homes         Image: Note of aides and prosthesis (hearing aids, dentures)       Image homes         Image: Note of aides and prosthesis (hearing aids, dentures)       Image homes         Image: Note of aides and programmes for the elderly.       Image homes         Image: Note of aides and programmes, and health services       Image homes         Image: Note of aides and programmes, and health services       Image homes         Image: Note of aides and programmes, and health services       Image homes         Image: Note of aides and programmes, and health services       Image:					presentati	01
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Image: NF 6       Describe       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Use of aides and       Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6         Image: NF 6       • Image: NF 6       • Image: NF 6					age homes	2
IV       9       Describe       NF 6       Describe       NF 6       patients with respiratory       Lecture         IV       F3       0       0       0       0       0						0
Image:		Υ.			<b>7</b> .	5
Image: NF 6       Perception       Image: Provision s and programmes for the elderly.       Image: Provision s and programmes for the elderly.         Image: Provision s and programmes for the elderly.       Image: Privileges, community programmes, and health services       Image: Privileges, community programmes, and health services         Image: Provision s and programmes, and health services       Image: Privileges, community programmes, and health services       Image: Privileges, community programmes, and health services         Image: Provision s and programmes, and health services       Image: Privileges, community programmes, and health services       Image: Privileges, community programmes, and health services         Image: Provision services       Image: Privileges, community programmes, and health services       Image: Privileges, community programmes, and health services         Image: Provision services       Image: Privileges, community programmes, and health services       Image: Privileges, community programmes, and health services         Image: Provision services       Image: Privileges, community programmes, and health services       Image: Privileges, community privileges, community programmes, and health services         Image: Privileges, Privile		~		and the second s	6	
Image: NF 6       9       NF 6       Patients with respiratory       Lecture         Image: NF 6       managemen       disorders       Discussion       Short notes						
Image: NF 6       9       NF 6       Market nursing       patients with respiratory       Lecture         Image: NF 6       managemen       disorders       Discussion       Short notes						
Image:			संच	and diam	- 1 C	
Image:		1				
IV       NF 6       Describe       Nursing management of       Lecture         IV       NF 6       managemen       disorders       Discussion		_				
IV     Describe     Nursing management of     Lecture       IV     NF 6     managemen     disorders     Discussion						
IV     Describe     Nursing management of     Lecture       IV     P     the nursing     patients with respiratory     Essay       IV     NF 6     managemen     disorders     Discussion				programmes, and health		
9     the nursing     patients with respiratory     Essay       IV     NF 6     managemen     disorders     Discussion       EF 3     IV     Discussion     Short notes				services		
IV     NF 6     the nursing managemen     patients with respiratory     Essay       EF 3     EF 3     Discussion     Short notes		9	Describe	Nursing management of	Lecture	
managemendisordersDiscussionShort notesEF 3	IV	_	the nursing	patients with respiratory		Essay
			managemen	disorders	Discussion	Short notes
			t of patients			Very short

with • ARDS, Interstitial Lung	notes
respiratory Disease, Respiratory	
disorders failure	
<ul> <li>Nursing management of</li> </ul>	
patients on mechanical	
ventilator.	
Nursing management of	
patients with diseases of	
the heart.	
Medical:	2
-Acute coronary	5
Describe syndrome,	
the dysrrhythmias,	0
etiology, cardiomyopathies,	0
25 pathophysio cardiac arrest	
NF-15 logy, clinical • Surgical:	
EF-10 manifestati -Closed and open heart	Essay
ons and surgery, valvotomy, valve Discussion	
V (card- medical, replacement, CABG,	Short notes
5; surgical and repair of aneurysm Demons	
Card nursing correction of congenital ation	Very short notes
Surg managemen defects ,Heart	notes
-5) t of transplantation.	
common -Supportive	N
cardiac therapies:Pacemaker,	
conditions IABP, defibrillator,	
thrombolytic therapy,	
interventional	
cardiology,	
-Pre and post operative	
management of patients	

VI	15 NF-10 EF-5	Describe the medical, surgical and nursing managemen t of patients with neurological conditions.	undergoing cardiac surgery -Drugs used -Rehabilitation Nursing management of patients with neurological conditions • Neuro assessment • Medical:Epilepsy • Surgical :Head injury, spinal cord injury, IVDP, ICSOL-Brain tumours, cerebral aneurysms • Nursing management- cranial and spinal surgeries	Lecture Discussion Demonstr ation	Essay Short notes Very short notes
VII	8 NF-4 EF-4	Describe the nursing managemen t of patients with renal disorders	Nursing management of patients with renal disorders • Renal failure • CRRT, Dialysis, Renal transplantation	Lecture Discussion Demonstr ation	Essay Short notes Very short notes
VIII	15 NF-10 EF-5	Describe the nursing managemen t of patients with oncologic disorders.	Nursing management of patients with oncologic disorders. • structure and characteristics of normal and cancer cells. -cell cycle • Nursing assessment- history and physical	Seminar Lecture Discussion Slides Demonstr ation Practice session	Essay Short notes Very short notes

	overningtion	1	
	examination		
	<ul> <li>prevention, screening,</li> </ul>		
	early detection, warning		
	signs of cancer	Health	
	<ul> <li>epidemiology, etiology,</li> </ul>	education	
	pathophysiology,	Supervised	
	classification, staging and	clinical	
0.7	grading, clinical	practice	
- 10° -	manifestations,	19.7	
1.2	diagnosis, treatment	Drug book	
2	modalities and medical,	presentati 🛛	5
5	surgical & nursing	on	
	management of		5
40	oncologic conditions:	Visit to	0
	-Oral, larynx, lung,	palliative	
< (C)	stomach, colon, liver,	care	m
14	breast, cervix, ovary,	centre,	2
a b	uterus, sarcoma, brain,	Hospice	0
4	renal, bladder, prostate.	<b>7</b>	27
	Oncological emergencies	63	
	<ul> <li>Modalities of treatment:</li> </ul>		
3101	Chemotherapy, radiation	- T-	
	therapy, immunotherapy,	1.	
	surgical interventions,		
	stem cell and bone		
	marrow transplantation,		
	gene therapy, other		
	forms of treatment.		
	Psychosocial aspects of		
	cancer		
	Rehabilitation		

		e R S	<ul> <li>Palliative care : symptom and pain management, nutritional support</li> <li>Home care, hospice care, special therapies</li> <li>Reconstructive and cosmetic surgeries.</li> <li>Nursing management of patients with plastic,</li> </ul>	Lecture	
IX	6 NF-3 EF-3	Describe the nursing managemen t of patients with plastic, reconstructi ve and cosmetic	<ul> <li>cosmetic surgeries.</li> <li>Nursing management of patients with plastic, reconstructive and cosmetic surgeries</li> <li>Types of reconstructive and cosmetic surgery for : traumatic injuries, burns, congenital defects,</li> <li>Skin grafts</li> <li>cosmetic surgeries-</li> </ul>	Discussion Slides Demonstr ation Practice session	Essay Short notes Very short notes
	34	surgeries	prosthesis • Nursing management- pre &post operative care • Legal aspects • Rehabilitation	Health education	

#### **References:**

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### MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS) II-PRACTICAL

#### Placement: III Year

#### Duration : 400 hours(10 Weeks)

Area	Dura tion (week s)	Objectives of posting	Skills to be developed	Assign ments	Assess ment method
			-Monitoring of	-Provide	-Assess each
		nd a	patients in the ICU	care to	skill with
			-Maintain flow sheet	assigned	checklist
Critical	$\sum$		- Care of patient on	patients	-Assess
care unit		Provide care	ventilators	Care	performanc
(General	2	to critically	-Perform	plan/case	e with
MICU		ill patients	endotracheal suction	presentatio	rating scale
SICU)			-Demonstrate use of	n /care	-Evaluation
			ventilators, cardiac	study	of
			monitors etc.	-Drug book	observation
			-Collect blood for ABG		report

			in emergency and		observation
		situation	their interpretations	Drug book	of
ncy unit		and disaster	investigations and		-Evaluation
/Emerge	1	emergency	examination,	unit	rating scale
Casualty		patients in	assessment,	emergency	e with
		care to	-Assist with	n report of	performanc
		-Provide	-Practice "triage".	Observatio	-Assess
			bereavement		
			grieving and		
		ant ar	family in dealing with	101	
			-Counsel patient and		
		1	exercises	6	
9			active and passive		05
			-Chest physiotherapy,		0
			-TPN	1	25
4			-Infusion pump	1	171
			drugs		
			-Administration of		0
			Crash cart		02
-			-Emergency tray/trolley,		2
_	· · ·		-Bag-mask ventilation	· · · · ·	
	20		Pacemakers,	16	
	1.1	ę	Defibrillators,	8.0	
		617	-CPR-ACLS -	_	
			Pulse oximetry		
			-Maintain CVP line,		-OSCE
			puncture		record
			-Assist with arterial		of activity
			interpret result		-Completion
			analysis &		

DecisionDecisionCompletionpatients and-Assistin-Completionfamilies fordocumentationsofactivitygrief and-Assistinlegalbereavemenproceduresin therecordt-Participateinmanaging crowd-Counsel patient andfamilies in grief andbereavement-Provide-Monitoring and careObservatiopatients-Assistinpatients-Assistinunit &1haemodialyspatients-Assistinunit &1haemodialyspatienteducation,Drug bookransplais/and counselingnt unit-Provide-AssistperitonealCompletiondialysis andCounsel patientrenalCounselingrenalCompletiondialysis and			-Counsel	disaster situations		report
Image: section of activityfamilies for grief and section of activityof activitygrief and bereavemen t-Assist in legal procedures in the emergency unitParticipate in managing crowd-Counsel patient and families in grief and bereavement-Participate in managing crowd-Counsel patient and families in grief and bereavement-Observation-Assess-AssessDialysis-Provide-Monitoring and careObservatio-Assesspatients-Assist inn reportperformance withnt unit & 1haemodialyspatient education, patientDrug bookrating scalent unit1haemodialysand counselingof-Completionnt unit-Provide-Assist in arterial-Provide-Completionrenal-Provide-Assist in arterial-Provide-CompletiononProvide-Assist in arterial-Provide-y ICU,care topuncture for ABGcare toObservationy ICU,care topuncture for ABG valuespatientsperformancLab,patientsInterpret ABG valuespatientsperformanc-Develop-Record ECG-interpret-Arteriale						-
grief and bereavemen t       -Assist       in       legal procedures       record         t       emergency unit. -Participate       in       record         -Participate       in       managing crowd -Counsel patient and families in grief and bereavement       -         Dialysis       -Provide patients       -Monitoring and care of patients       Observatio rating scale       -Assess e         Dialysis       -Provide patients       -Monitoring and care of patients       Observatio rating scale       -Assess e         nt unit       1       haemodialys peritoneal dialysis and renal       patient education, and counseling       Drug book of of of of of of record       -Evaluation of of of of care to         Coronar y ICU, Care to       -Provide patients.       -Assist in analysis       -Provide is       -Completion of of of of of of ecretor         Coronar y ICU, Care to       -Provide patients.       -Assist in analysis       -Provide assigned       -         Lab,       -Develop -Develop       -Record ECG-interpret -Arterial       -Arterial e       e			-			-
bereavemen       procedures in the         t       emergency unit.         -Participate       in         managing crowd         -Counsel patient and         families in grief and         bereavement         -Provide         care to         of patients         nuit &         1         haemodialys         patient         ewith         patients         -Assist         undergoing         documentation,         provide         is/         and counseling         nt unit         peritoneal         dialysis and         renal         renal         renal         renal         record         Coronar         y ICU,         care to         puncture for ABG         care to         puncture for ABG         care to         patients.         -Interpret ABG values         patients.         -Develop         -Record ECG-interpret         -Arterial         e <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>						-
t       emergency unit.       -Participate       in         -Participate       in       managing crowd       -Counsel patient and         -Counsel patient and       families in grief and       bereavement       -Assess         patients       -Provide       -Monitoring and care       Observatio       -Assess         patients       -Assist       in       report       e       with         Dialysis       1       haemodialys       patient       education,       Drug book       rating scale         unit & 1       haemodialys       patient       education,       of       of         nt unit       1       haemodialys       patient       education,       report       -Evaluation         renal       is/       and counseling       of       of       of       of         nt unit       peritoneal       on       report       -Completion       of activity         on       -       -Provide       -Assist       in arterial       -Provide       -Completion         vllCU,       care to       puncture for ABG       care to       Observation       of         vllCU,       care to       patients.       -Interpret ABG values       patients       performan			-	C		record
Participate       in         managing crowd       -Counsel patient and         -Counsel patient and       -Counsel patient and         families in grief and       bereavement         Provide       -Monitoring and care       Observatio         patients       -Assess         patients       -Assist       in         undergoing       documentation,       Drug book       rating scale         unit &       1       haemodialys       patient       education,         nt unit       1       haemodialys       patient       education,         peritoneal       of       of       of         dialysis and       renal       -Completion       of         transplantati       on       -Completion       of         vICU,       care to       puncture for ABG       care to       Observation         vICU,       care to       puncture for ABG       care to       Observation         cath       critically ill       analysis       assigned       of         Lab,       patients.       -Interpret ABG values       patients       performanc         -Develop       -Record ECG-interpret       -Arterial       e				•		
Image: Comparison of the compari			t	emergency unit.		
-Counsel patient and families in grief and bereavement-Counsel patient and families in grief and bereavement-Assess-Provide care to-Monitoring and care of patientsObservatio reformanc-AssessDialysis unit & nt unit-Provide patients-Assistin of patient-Assessnt unit renal transplantati on-Assistin of of observation,-Evaluation of of observationCoronar y ICU, Cath Lab,-Provide -Provide-Assistin and counseling of 			115	-Participate in		
Image: constraint of the second sec			Q. 7	managing crowd	8	
Image: constraint of the symbolDereavementImage: constraint of the symbol-AssessProvide care to patients-Monitoring and care of patientsObservatio n report-Assess performanc eDialysis unit & Image: 1 nt unit1 haemodialys is/ peritoneal dialysis and renalDrug book patientrating scale eTranspla dialysis and renal transplantati on-Evaluation of of care to on-Evaluation of observation report -Completion of activity recordCoronar y ICU, Cath Lab,-Provide patients-Assist n analysis-Provide of of -Assist analysis2-2-Develop -Record ECG-interpret-Arterial -ArterialPatients				-Counsel patient and	- 11 J	
Image: constraint of the second sec		<u>_</u>		families in grief and	~ ~	
Care to patientsof patientsn reportperformanc eDialysis unit &1haemodialys patientdocumentation, patientDrug bookrating scaleundergoing transpla nt unithaemodialys peritonealpatienteducation, eDrug book-EvaluationTranspla nt unitis/ peritonealand counseling ofof observationof report-Evaluationdialysis and transplantati onrenal-Completion of activity recordof of of-Completion of of ofof of of reportCoronar y ICU, Cath Lab,-Provide-Assist in analysis-Provide-2-Develop-Record ECG-interpret-Arterialperformanc	2	÷		bereavement		5
Dialysispatients-AssistinewithDialysis1haemodialyspatienteducation,Drug bookrating scaleunit &1haemodialyspatienteducation,of-EvaluationTransplais/and counselingofobservationnt unitperitonealofreport-Completiondialysis andrenalof-Completiontransplantationof-Completiononof-Assistin arterial-Providev ICU,care topuncture for ABGcare toObservationCathcritically illanalysisassignedofLab,patientsInterpret ABG valuespatientsperformanc2Record ECG-interpret-Arteriale	- 25		-Provide	-Monitoring and care	<b>Observatio</b>	-Assess
Dialysis unit &i undergoing haemodialysdocumentation, patientDrug book rating scale -EvaluationTranspla1haemodialys peritoneal dialysis and renal transplantatiand counseling of reportof observation report -Completion of activity recordCoronar-Provide care to patientsProvide puncture for ABG analysis-Provide assigned-VICU, Lab,-Provide patientsProvide patientsProvide patienter ABG values-2-Develop-Record ECG-interpret patient-Arterial patiente			care to	of patients	n report	performanc
unit &1haemodialys is/patient education, and counseling-Evaluation ofTransplais/and counselingofnt unitperitonealobservationdialysis andrenalreportrenalrenaloftransplantationofon-Provide-Assist in arterialy ICU,care topuncture for ABGcathcritically illanalysisassignedofpatientsInterpret ABG valuespatients-Develop-Record ECG-interpret-Arterial			patients	-Assist in		e 🕛 with
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nt unitperitoneal dialysis and renal transplantati onobservation report -Completion of activity recordCoronar-Provide-Assist in arterial puncture for ABG care to-Provide ObservationCathcritically ill patientsInterpret ABG values -Record ECG-interpret -Arterialobservation report -Ompletion of observation	unit &	1	haemodialys	patient education,		-Evaluation
dialysis and renal transplantati onreport -Completion of activity recordCoronar y ICU, Cath Lab,-Provide-Assist in arterial puncture for ABG of ABG values-Provide- patientsInterpret ABG values -Necord ECG-interpret-Arterial patientsperformanc e	Transpla		is/	and counseling		of
renal transplantati on-Completion of activity recordCoronar y ICU, Care to-Provide puncture for ABG analysis-Provide care to-Coth Lab,critically ill patients.analysis -Interpret ABG values -Record ECG-interpret-Arterial -Arteriale	nt unit		peritoneal			observation
transplantatiof activityon-Coronar-Provide-Provide-Assist in arterialy ICU,care tocare topuncture for ABGcathcritically illanalysisassignedofLab,patientsDevelop-Record ECG-interpret2		, I	dialysis and			report
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Coronar-Provide-Assistinarterial-Provide-y ICU,care topunctureforABGcaretoObservationCathcritically illanalysisassignedofLab,patientsInterpret ABG valuespatientsperformanc-2Record ECG-interpret-Arteriale			transplantati			of activity
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Cathcritically illanalysisassignedofLab,patientsInterpret ABG valuespatientsperformanc-Develop-Record ECG-interpret-Arteriale	Coronar		-Provide	-Assist in arterial	-Provide	-
Lab,patientsInterpret ABG valuespatientsperformanc-Develop-Record ECG-interpret-Arteriale	y ICU,		care to	puncture for ABG	care to	Observation
-Develop -Record ECG-interpret -Arterial e	Cath		critically ill	analysis	assigned	of
2	Lab,		patients.	-Interpret ABG values	patients	performanc
		2	-Develop	-Record ECG-interpret	-Arterial	е
	Cardiac	2	skill in	values	puncture-	-Evaluation
OT, assisting -Care of patient on -Recording of report	ΟТ,		assisting	-Care of patient on	-Recording	of report
Card with special mechanical ventilator of ECGCompletion	Card		with special	mechanical ventilator	of ECG-	-Completion
surg procedures -Assist in endotracheal -Tracheal of activity	surg		procedures	-Assist in endotracheal	-Tracheal	of activity

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ICU,		used in	intubation,	suctioning-	record
WARD		critical	endotracheal	-	
		care unit.	suctioning	Administra	
		-Identify	-Demonstrate the use	tion-CPAP	
		potential	of-ventilators	- Care plan	
		problems	cardiac monitors,	/ case	
		and	hemodynamic	presentatio	
		provide care	monitoring, pulse	n, care	
	. 9	accordingly.	oximetry, CPR-ACLS,	study	
	1	-Develop	defibrillators,	-Drug	
- 2	<u> </u>	skill in	pacemakers, bag-	record	5
- 25		setting and	mask ventilation,		
		handling	infusion pumps,		0
		ventilator.	TPN		0
		-Administer	-Chest physiotherapy,		
		Injections in	active and passive		111
- CC-		Infusion	exercise	11	-
13		pump.	-Assist with		0
	6	-Maintain	interventional	· .	0
		records of	cardiology	65	
		observations			
		and drugs	वन्त सांग्र	100	
		-Develop	-Assess neurological	-Provide	Assessment
		skill in	status	care to	of
Neurosu		neurological	-Provide care to	assigned	performanc
rgical		assessment	patients with head	patients	е
ICU &	1	-Provide	injury and spinal	-Neuro	
ОТ		care to	injury	assessment	Completion
		patients with	-Pre and post	:-head	of activity
		head injury,	operative care to	injury,	record
		spinal injury,	neurosurgical patients	spinal	

		cranial &	-Assist with surgical	injury- pre	
		spinal	procedures	op & post	
		surgery		op.	
				-	
				Careplan/c	
				ase	
		1.1	YOF	presentatio	
		a 5 ' '	14	n/carestud	
	1.0			у	
	4		200	-Drug file	
4			-Nursing care of	-Provide	Assess skill
			patients undergoing	care to	with
			variou <mark>s reco</mark> nstructive	assigned	checklist
Plastic			surgeries.	patients	Assess
	1	-Provide	- participate in	-Nursing	performanc
and			rehabilitation	<mark>care</mark> plan	e with
reconstr		care to	programme	-	rating scale
uctive		patients		<mark>Obse</mark> rvatio	Evaluation
surgery	6	undergoing		n report of	of care plan
		reconstructiv		burns unit	Observation
		e su <mark>rgeries</mark>			report
		not un	the prime	- T -	Completion
			વેલી લીકોએ	- 1 .	of activity
			~		record
		-Provide	-Screening for	-Provide	-Assess skill
	2	care to	common cancers:	care to	with
Oncolog		patients with	breast self	assigned	checklist
Oncolog y unit		cancer	examination, warning	patients	
		-Counsel	signs	-	Assess
		patients and	-Assist with	Careplan/c	performanc
		families	diagnostic procedures	ase	ewith rating

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-Assist with - drug book therapeutic Observatio and procedures n report of Observation -Participate in various cancer unit report modalities of treatment- Completion			: biopsies, pap smear,	presentatio	scale
examination-Drug bookof care plan, drug book-Assistwith-drug booktherapeuticObservatioandproceduresn report ofObservation-Participate in variouscancer unitreportmodalitiesoftreatment-Completionchemotherapy,radiationtherapyradiationtherapy,recordpainmanagement,nercordhormonaltherapy,-Alternative therapy-Participate-Participateinpalliative care-Counsel-Counseland teachpatients and families-Participate-Participateinrebabilitationin			bone marrow	n/carestud	
-Assist with - drug book therapeutic Observatio and procedures n report of Observation -Participate in various cancer unit report modalities of treatment- chemotherapy, radiation therapy, radiation therapy pain management, hormonal therapy immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation			aspiration, breast self	У	Evaluation
therapeutic       Observatio       and         procedures       n report of       Observation         -Participate in various       cancer unit       report         modalities       of       treatment-       Completion         chemotherapy,       radiation       therapy,       record         pain       management,       normanagement,       record         pain       management,       normanagement,       normanagement,         hormonal       therapy,       end       end         -Participate       in       palliative care       end         -Counsel       and       teach       patients and families       end         -Participate       in       rehabilitation       in       in       in			examination	-Drug book	of care plan,
Image: series of series of series of treatment- chemotherapy, radiation therapy, radiation therapy, immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitationn report of treatment completion of activity record			-Assist with	-	drug book
<ul> <li>-Participate in various</li> <li>cancer unit</li> <li>report</li> <li>modalities</li> <li>of</li> <li>treatment-</li> <li>chemotherapy,</li> <li>radiation</li> <li>therapy,</li> <li>pain</li> <li>management,</li> <li>hormonal</li> <li>therapy,</li> <li>-Alternative therapy</li> <li>-Participate</li> <li>in</li> <li>palliative care</li> <li>-Counsel</li> <li>and teach</li> <li>patients and families</li> <li>-Participate</li> <li>in</li> </ul>			therapeutic	Observatio	and
modalities of treatment- chemotherapy, radiation therapy, radiation therapy, record pain management, hormonal therapy immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation		11	procedures	n report of	Observation
Image: constraint of the second of activity radiation the second pain management, hormonal the second immunother second -Alternative the second palliative care -Counsel and teach patients and families -Participate in rehabilitationCompletion of activity record		e. "	-Participate in various	cancer unit	report
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radiation therapy, pain management, hormonal therapy immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation			treatment-	~ ~ ~	Completion
pain management, hormonal therapy immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation			chemotherapy,		of activity
hormonal therapy immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation	- 3		radiation therapy,		record
immunotherapy, gene therapy, -Alternative therapy -Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation			pain management,		97
<ul> <li>Alternative therapy</li> <li>-Alternative therapy</li> <li>-Participate in</li> <li>palliative care</li> <li>-Counsel and teach</li> <li>patients and families</li> <li>-Participate in</li> <li>rehabilitation</li> </ul>			hormonal therapy		0
<ul> <li>Alternative therapy</li> <li>-Participate in</li> <li>palliative care</li> <li>-Counsel and teach</li> <li>patients and families</li> <li>-Participate in</li> <li>rehabilitation</li> </ul>			im <mark>munothera</mark> py, gene		
-Participate in palliative care -Counsel and teach patients and families -Participate in rehabilitation	~		therapy,		m
palliative care -Counsel and teach patients and families -Participate in rehabilitation	e£. (		-Alternative therapy	17	1
-Counsel and teach patients and families -Participate in rehabilitation			-Participate in		0
patients and families -Participate in rehabilitation	1		palliative care	<b>7</b>	6
-Participate in rehabilitation		6	-Counsel and teach	6	
rehabilitation			patients and families		
rehabilitation		मर्थ भ	-Participate in	1	
programmes			rehabilitation		
			programmes		

## **Clinical assignments**

Nursing care study -1

-4

Observation reports

Case presentation -2

Drug book

#### **Child Health Nursing**

**Placement- III Year** 

Theory: 140 hours Nursing Faculty: 105 hours External Faculty: 35 hours Practical: 400 Hours

#### **Time Allotment:**

Genetics & Embryology- 10 Hours Pediatric Medicine - 15 hours Pediatric surgery - 10 Hours Child health nursing- 105 Hours Total - 140 Hours

#### **Course Description:**

Students identify the normal growth and development, needs/problems of children of various age groups and deviations from normal, recognize the basic concepts, principles and techniques of child care and the role of family in child rearing, develop beginning ability to plan and provide comprehensive nursing care to children suffering from diseases and disorders.

Unit	Time (hrs)	Learning Objectives	Content	Teaching learning activity	Assess ment methods
		-Explain the	Concepts of child care		Essay
		concept of child	History of Child		
		care	Health Nursing	60	Short
		-Describe the	Principles of Child		answers
		principles of	Health Nursing	Lecture	
		child health	Difference between	Discussion	Very
	6	nursing	adult and child	$\sim$	short
	0	-Recognize the	nursing		answers
		difference	<ul> <li>Rights of children</li> </ul>		
		between child	<ul> <li>Qualities of a Child</li> </ul>		
		and adult	Health Nurse		
		nursing	<ul> <li>National policy &amp;</li> </ul>		
		-Describe	legislations in		
		national policy			

		and child	relation to child		
		welfare	health and welfare.		
		programmes	Child welfare		
			programmes: State,		
			National,		
			International		
		-Recognize	Preventive Pediatrics		
		universal	Child Morbidity and	-	
		Immunization	mortality rates.	4	
	1	programme	Universal	Lecture	Short
-	1	-Explain the	Immunization	Discussion	answers
		activities of	Programme, cold		
П	2	preventive	chain,	Field visit	Very
		clinics	• Under-five clinic, well	to Child	short
			baby clinic -Child	Guidance	answers
- 4			Guidance Clinic	Clinic	111
- CL			• IMNCI		~
				<b>7</b>	́с,
	6	-D <mark>escribe the</mark>	The healthy child		
		normal growth	<ul> <li>-Principles of growth</li> </ul>	6.9	
		& development	and development	Lecture	Essay
		of children at	<ul> <li>-Factors affecting</li> </ul>	Discussion	
		different ages	growth &	Demonstra 	
	100	-Appreciate the	development	tion	Short
=	12	role of play for	<ul> <li>-Growth and</li> </ul>	Field visit	answers
		normal & sick	development,	to	Von
		children	theories of	Anganwadi	Very
			development from	•	short
			infancy to		answers
			adolescence,		
				I	

			1	r	
			developmental		
			problems and needs		
			of children from		
			infancy to		
			adolescence;		
			behavioural		
		71.	problems, habit		
		a. S. Y	disorders and	-	
		6	management	4.	
			<ul> <li>-Play needs of</li> </ul>	- S.J.	
-	2		children		
		Describe the	Nutritional needs and		
		Nutritional	care <mark>of childr</mark> en with		ch.
$\sim$		needs of infants	Nutritional disorders.	Lecture	0
		&	Nutritional needs of		
		children	infants &children:	Discussion	m
- 11		-Explain the	breast feeding,		Essay
		nursing	supplementary/	Demonstra	С – С
	4	management of	artificial feeding and	tion	
		children with	weaning	69	Short
N /	_	various	<ul> <li>-Baby friendly</li> </ul>	Practice	answers
IV	5	nutritional	hospital initiative	session	
		disorders.	<ul> <li>-Nutritional</li> </ul>		Very
	1		requirements in	Clinical	short
	-		children,	practice	answers
			<ul> <li>-Nutritional</li> </ul>		
			deficiency		
			Disorders:-Protein		
			Energy Mal nutrition,		
			• -Vitamin & Mineral		
			Deficiencies		
			166		

nursing <b>neonate</b> management of • -Nursing care of a	
management of • -Nursing care of a	
normal/ high normal newborn	
risk neonate. • -Essential newborn	
-Perform care Lecture	
neonatal • -Kangaroo mother Discussion	
- S. M.	ssay
-Recognize and •-Nursing on	-
	hort
	swers
V 10 neonatal birth weight babies, on	
problems preterm babies, Demonstra	/ery
Management of tion si	hort
common neonatal Practice and	swers
problems: session,	
respiratory distress Clinical	
syndrome, hyper practice	
bilirubinemia,	
meconium aspiration	
syndrome, infant of	
diabetic mother,	
neonatal sepsis	
-Identify the Caring for a hospitalized	
reactions of <b>child</b>	
child and family • -Role of Child Health Lecture	ssay
towards  Nurse in caring for a	hort
hospitalization hospitalized child Discussion	swers
and illness • -Reaction of child	34613
-Describe the and family towards	
major functions illness and	

			1 1, 1, 1, 1,		
		and role of	hospitalization and		
		pediatric nurse	nurse's role in		
		in caring a	minimizing stress.		
		hospitalized	• -General		
		child	preoperative and		
			post-operative		
		1.1	management of		
		a. 5 '	children		
	1	-Describe the	Nursing management of	- P _	
	1	nursing	children with	Lecture	
-	2	management of	Respiratory disorders	cum	5
		children with	and infections	Discussion	Essay
		respiratory	Nursing management		() Chart
		disorders	of children with	Demonstra	Short
	_		• URTI : tonsillitis,	tion	answers
VII	5		Croup, LRTI:		m
- 66			Bronchial asthma,	<b>Practice</b>	Very
			• Pneumonia,	session	short
	1		Bronchiolitis,		answers
		C	• Tuberculosis,	Clinical	
			Emphysema,	practice	
		and an	Empyema		
		Describe the	Nursing management of		
	/	nursing	children with		Essay
	11	management of	Gastrointestinal	Lecture	
VIII		children with	disorders	Discussion	
		gastro-	<ul> <li>-Gastro enteritis,</li> </ul>	Clinical	Short
		intestinal	Malabsorption	Practice	answers
		disorders	syndrome, Hepatitis,		
			<ul> <li>Indian childhood</li> </ul>		Very
			cirrhosis		short
L]			168		

			• -Cleft lip & Palate,		answers
			• Tracheo-esophageal		
			fistula,		
			Diaphragmatic		
			Hernia,		
		-17	<ul> <li>Pyloric stenosis,</li> </ul>		
			Intestinal		
		9-	• obstruction,	-0	
	-1	0	Intussusception,	16.	
	÷		<ul> <li>Hirschsprung's</li> </ul>	· ^.	
-	2		disease,	3	
			Anorectal		
			malformation,		
-1			• Abdominal wall		0.0
			defects-		111
- 4			omphalocele,		-
0			exomphalos,		
- 0			gastroschisis, Hernias	/ L	3
	\$	Describe the	Nursing management of		
		nursing	children with Cardio	50	Facatr
		management of	vascular disorders	Lecture	Essay
		children with	<ul> <li>-Rheumatic fever,</li> </ul>		Short
		cardio	Rheumatic Heart	Discussion	
	1	vascular	Disease, Heart	$\sim$	answers
IX	7	disorders.	failure, Kawasaki	Clinical	Very
			Disease.	practice	short
			<ul> <li>Congenital heart</li> </ul>		answers
			defects-		answeis
			<ul> <li>-Patent ductus</li> </ul>		
			arteriosus, Atrial		
	l				

	1	[			
			septal defect,		
			Ventricular septal		
			defect, Tetralogy of		
			Fallot, TGA		
		-Explain the	Nursing management of		
		nursing	children with Genito		
		management of	urinary disorders	Looturo	Essay
		children with	• -UTI, Acute	Lecture	
	- 1	common	glomerulo nephritis,	Discussion	Short
		genito-urinary	Nephrotic syndrome,	Clinical	answers
х	0	disorders	• - Wilms' tumor,	practice	Very
			Obstructive		short
			ur <mark>opathy,</mark> Epispadias,		answers
$\sim$			hypospadias, Ectopia		0
			vesica.		
- 4		- Describe the	Nursing management of		
CL-		nursing	children with		-2
		management of	Neurological infections	· ·	Essay
	4	children with	and disorders:		
		neurological	• -seizure disorder,	Lecture	Short
		disorders	meningitis,	Discussion	answers
ХІ	6	and an	encephalitis, neural	Clinical	
			tube defects,	practice	Very
	1		encephalocele,		short
			<ul> <li>hydrocephalus,</li> </ul>		answers
			<ul> <li>Head Injury, brain</li> </ul>		
			tumors,		
			<ul> <li>cerebral palsy</li> </ul>		
		Explain the	Nursing management of		Essay
ХІІ	6	nursing	children with	Lecture	Short
		management of	Hematological	Discussion	answers

		children with	disorders:	Clinical	
		common	Anemias,	Practice	Very
		hematological	thalassemia, ITP,		short
		disorders	Leukemia, Hodgkins'		answers
			& Non Hodgkin's		
			Lymphoma,		
		7.1	hemophilia		
		Describe the	Nursing management of		
		nursing	children with Endocrine	4	Short
	1	management of	disorders	Lecture	answers
	-	children with	<ul> <li>Juvenile Diabetes</li> </ul>	Discussion	
XIII	3	common	Mellitus, Congenital	Clinical	Very
		endocrine	hy <mark>pothyr</mark> oidism	practice	short
$\sim$		disorders	<ul> <li>Growth hormone</li> </ul>		answers
			deficiency		
- 4		Describe the	Nursing management of	Lecture	Short
- CÉ-		nursing	children with	<mark>cu</mark> m	answers
		management of	Orthopedic disorders	Discussion	<u>, , , , , , , , , , , , , , , , , , , </u>
XIV	2	children with	club feet,		Very
		orthopedic	congenital hip	Clinical	short
		Conditions	dislocation	practice	answers
		Describe the	Nursing management of	Looturo	
		nursing	children with Genetic	Lecture	Short
	$\sum$	management of	Disorders	Discussion	
		children with	<ul> <li>Down's Syndrome,</li> </ul>	Discussion	answers
xv	5	common	<ul> <li>-Turner's syndrome,</li> </ul>	Clinical	Von
۸v	5	Genetic	<ul> <li>-Kleinfelter's</li> </ul>		Very
		disorders	syndrome,	practice	short
			<ul> <li>-Edwards syndrome,</li> </ul>		answers
			<ul> <li>Inborn errors of</li> </ul>		
			metabolism:		
L]	1		171	1	[

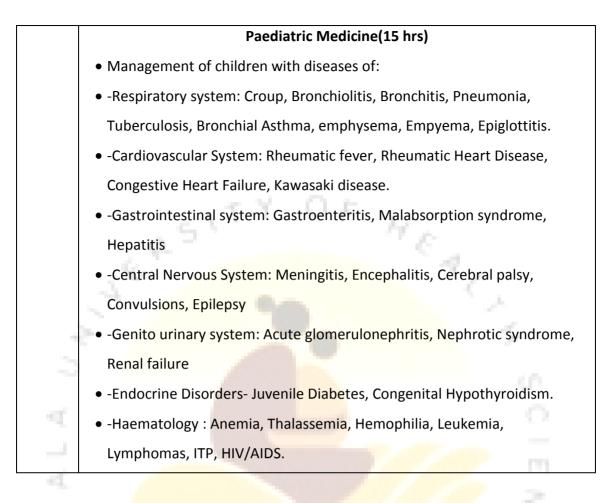
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			phenylketonuria,		
			albinism,		
			• galactosemia,		
			<ul> <li>-genetic counseling</li> </ul>		
		Describe the	Nursing management of		
		nursing	children with Common		
		management of	disorders of skin, eye		
		children with	and ear		
	1.1	disorders of	• Skin: scabies,	9,	
	1	skin, eye, and	pyoderma,	1 A.	Short
		ears.	<ul> <li>staphylococcal</li> </ul>	Lecture	answers
XVI	3		scalded skin	Discussion	
			syndrome	Clinical	Very
- 1			• Eye: congenital	practice	short
-			glaucoma, cataract,		answers
- 4			squint ,refractive		
06			errors		~
			• Ear : wax, otitis	/	
	de la		externa, otitis media,	?	
			mastoiditis,	60	
			childhood deafness		
		Describe the	Nursing management of		
		nursing	children with		Short
	1	management of	communicable diseases	Lecture	answers
		children with	communicable	Discussion	
XVII	5	communicable	diseases in children	Clinical	Very
		diseases.	and its prevention	practice	short
			and management		answers
			• Dengue fever, Chikun		
			Gunya		

			<ul> <li>- Nursing care of</li> </ul>		
			infant and children		
			with HIV/AIDS,		
		Explain the	Child health		Short
		nursing	emergencies	Lecture	answers
		management of	-accidents, Poisoning,	Discussion	answers
XVIII	5	children with	foreign bodies, shock,	Clinical	Very
	4	emergency	hemorrhage, burns,	practice	short
		conditions.	drowning, snake bite-	2	
			Nursing management	1 ×	answers
+	2	-Identify the	Management of	Lecture	
33		social & welfare	challenged children:	<b>Discussion</b>	Short
		services for		Field	Q.1
$\sim$		challenged	• Mentally, Physically,	visits to	answers
XIX	3	children	& Socially challenged	school for	Von
	5			mentally,	Very
C.			<ul> <li>-Welfare services for</li> </ul>	physically	short
	5		challenged children	and	answers
	4		in India.	socially	
		10	+	challenged	



Constice and Emprusians (10 hours)
Genetics and Embryology (10 hours)
<ul> <li>-Concepts and importance in Pediatrics.</li> </ul>
<ul> <li>-Gene structure and function</li> </ul>
<ul> <li>-Pattern of inheritance</li> </ul>
<ul> <li>-Common chromosomal disorders - Down's Syndrome, Turner's</li> </ul>
syndrome, Klinefelter's syndrome, Edwards syndrome, Albinism, Inborn
errors of metabolism, phenylketonuria, galactosaemia, and mental
retardation
<ul> <li>-Growth and development of fetus</li> </ul>
-Mal development leading to congenital anomalies
Genetic testing in neonates and children
Paediatric surgery - (10 Hours)
<ul> <li>Management of children with congenital disorders and diseases of:</li> </ul>
<ul> <li>-Cardiovascular System: Patent Ductus Arteriosus, Ventricular Septal</li> </ul>
Defect, Atrial Septal Defect, Tetralogy of Fallot
<ul> <li>Gastro intestinal system : Cleft lip, Cleft palate, Tracheo-esophageal</li> </ul>
fistulae, Pyloric stenosis, Intestinal obstruction, Hirschsprung's disease,
Anorectal malformations, Omphalocele, Hernias.
<ul> <li>-Central Nervous System : Head injury, Hydrocephalus, Spina bifida,</li> </ul>
Encephalocele, Brain tumors
<ul> <li>-Genitourinary system: Wilm's tumor, Obstructive uropathy, Epispadias,</li> </ul>
Hypospadias, Ectopia vesicae
<ul> <li>-Orthopedic Disorders : Club foot, Hip dislocation, Fracture</li> </ul>
• -Burns



#### References

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  Company.
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- Behrman, Kliegman & Arvin, Nelsons's Text book of Pediatrics (Book I & II), W.B. saunders Company
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- Meharban Singh, Care of New born. Sagar Publications, New Delhi
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- National & International Journals on Paediatric Nursing.

#### **Child Health Nursing – Practical**

# Placement : III Year Time: 400 Hours (10 weeks)

Areas	Dura tion (in	Objectives	Skills to be developed	Assignments	Assess ment method
	week)	-Provide	Taking Pediatric history	-Give care to	-Assess
-	e				
		nursing care	Physical examination	assigned	clinical
		to children	and assessment of	pediatric	performa
- <		with'	children.	patients	nce with
		various	Administration of oral,	-Nursing care	rating
		medical	I/M &IV medicine	plan	scale
CÉ-		disorders	/fluids,	-Case	-Assess
			Calculation of fluid	presentation	each skill
Pediatri	2	-Counsel	requirements	-Health talk	with
с		an <mark>d educate</mark>	Preparaion of IV fluids	Care analysis	checklist
medicin	3	parents	with different		-OSCE/
e ward		mot a	strengths	1.1	OSPE
			Apply restraints		-
			Administer O2 by		Evaluation
	-		different methods.		of case
			Feed children by cup		study/
			and spoon		presentati
			Collect specimens for		on and
			common investigations		Health
			Assist with common		education
			diagnostic procedures		session

					ı
			Teach mothers/parents		-
			on malnutrition, oral		Completio
			rehydration therapy ,		n of
			feeding & weaning,		activity
			immunization		record
			schedule, play		
		1	therapy, specific		
		¢.5	disease conditions	8.2	
	1.5	-Recognize	-Calculate, prepare and	-Give care to	-Assess
	1	different	administer I/V fluids	assigned	clinical
	2	pediatric	-Do bowel wash	pediatric	performa
		surgical	-Care for ostomies,	patients	nce
		conditions	colostomy irrigation,	-Nursing care	with
$\sim$		-Provide pre	Ureterostomy,	Plan	rating
		and post	Gatrostomy,	-Case study/	scale
		operative	Enterostomy	Presentation -	-Asses
04		care to	-Urinary	11	each
Pediatri		children	Catheterization and		skill with
с		with	drainage	1 . 7	check list
Surgery	2	common	-Feeding-Naso-gastric,		-OSCE/
Ward		paediatric	Gastrostomy,		OSPE
		surgical	Jejunostomy	100	Evaluation
		conditions	-Care of surgical		of ease
		-Counsel	wounds		study/
		and educate	-Dressing		presentati
		parents	-Suture removal		on
					Completio
					n
					of activity
					record

					I
		-Perform	Assessment of children	Growth and	-Assess
		assessment	Health assessment	development	clinical
		of children:	Developmental	assessment of	performa
		health,	assessment	different age	nce with
Paediat		developmen	Anthropometric	groups.	rating
ric		tal and	assessment	Health	scale
		anthropome	Immunization	education –I	-
OPD/	1	tric -	Health/nutritional	8	Completio
Immuni	. <	Perform	education	14.	n of
zation	1	Immunizatio	0.00	S 2	activity
room	2	n			record
		-Give health			
		education			() <sup>1</sup>
		/nutritional	and the second second		0
		education			
C.		Provide	Care of a child on	Nursing care	Assess
116		nursing care	ventilator	plan-I	clinical
	5	to critically	Endotracheal suction		performa
	2	ill children	Chest physiotherapy	1 1	nce with
Peadiat		1	Administer fluids with	69	rating
ric			infusion pump		scale
Medici	2	mot a	Total parenteral	1.1	Completio
ne and	Z		nutrition		n of
surgery	$\sum$		Monitoring of babies	_	activity
ICU	-		Cardio Pulmonary		record
			resuscitation		Evaluation
					of
					observatio
					n report

		Perform	Care of babies in	New born and	Evaluation
		newborn	incubator	preterm	of new
Neonat		and	/Warmer/ventilator/	assessment	born and
al care	2	preterm	phototherapy.		preterm
unit	Z	assessment	Nursing care of high		assessme
			risk neonates.		nt and
		1	Neonatal		care
		Q. 3 1	resuscitation.	8.	

#### **Clinical assignments**

Nursing care plan – 3

Care Study – 1

Case presentations – 2

Health talk – 1

Growth and Development assessment of newborn, infant, toddler, preschooler, schooler–4

Drug file

Project

#### MENTAL HEALTH NURSING

Placement: III Year

Theory –110 Hours Nursing faculty-80 hours

iterity of nours

External faculty-30 hours (Psychiatrist- 20hrs; psychologist-5 hrs; + Psychiatric social worker-5 hrs)

Practical – 360 hours

#### **Course Description:**

This course is designed for developing an understanding of the modern approach to mental health, identification, prevention and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

भवन्त साखन

Unit	Time (Hrs)	Learning objectives	Content	Teaching learning activity	Assess ment method
I	6	-Describe the	Introduction		
	NF-5	historical	<ul> <li>-Perspectives of Mental</li> </ul>		

	EF-1	development	Health and Mental Health	Lecture	Short
		& current	nursing: evolution of mental		answer
		trends in	health services, treatment		s
		mental health	and nursing practices.	Discussion	
		nursing	<ul> <li>-Prevalence and incidence</li> </ul>		
		-Describe the	of mental health problems		
		epidemiology	and disorders in India		
		of mental	-Mental health team		
		health	<ul> <li>-Nature and scope of</li> </ul>		
	1	problems	mental health nursing	S	
	2	-Discuss the	<ul> <li>-Role and functions of</li> </ul>	-5-	
	5	roles and	mental health nurse in		
		responsibilitie	various settings and factors	0	
	Č	s of the Nurse.	affecting the level of nursing		S
	1	-Discusses the	practice	-	
-	£	scope of	<ul> <li>-Concepts of normal and</li> </ul>		
	6	mental health	abnormal behaviour		-
	cale -	nursing		0	
	1	-Describe the		- 01	
		conce <mark>pt of</mark>		69	
		normal and			
		abnormal	गवल मांग्वन		
		behavior			
	1	-Defines the	Principles and Concepts of		
		various terms	Mental Health Nursing	Lecture	Essay
	9	used in mental	<ul> <li>-Definition: mental health</li> </ul>		
п	NF-7	health nursing	nursing and terminology	Discussion	Short
	EF-2	-Explains the	used		answer
		classification	<ul> <li>-Classification of mental</li> </ul>	Explain	S
		of mental	disorders: ICD	using	
		disorders	<ul> <li>-Review of personality</li> </ul>	Charts	Very

		-Explain	development, defense		short
		psycho	mechanisms	Review of	answer
		dynamics of	<ul> <li>-Maladaptive behaviour of</li> </ul>	personalit	S
		maladaptive	individuals and groups :	У	
		behaviour	stress, crisis and disaster(s)	developm	
		-Discuss the	<ul> <li>-Etiology : bio-psycho-social</li> </ul>	ent	
		etiological	factors		
		factors,	<ul> <li>-Psychopathology of mental</li> </ul>		
		psychopatholo	disorders: review of		
	1	gy of m <mark>ental</mark>	structure and function of	S	
	2	disorders	brain, limbic system and	5	
	5	-Explain the	abnormal neuro		
		Principles and	transmission	0	
	Č	standards of	• -Principles of Mental health		
	1	Mental health	Nursing	-	
	É.	Nursing	<ul> <li>-Standards of Mental health</li> </ul>	<u> </u>	
	<u>1</u>	-Describe the	Nursing practice	<b>7</b>	
	40	conceptual	<ul> <li>-Conceptual models and the</li> </ul>		
	4	m <mark>odels of</mark>	role of nurse:		
		mental health	<ul> <li>Psycho-analytical models-</li> </ul>	60	
		nursing	Freud		
		ार्थ व	Behavioural model-		
			BF. Skinner, Joseph Wolpe,		
	1		EL.Thorndike, Ivan Pavlov		
			<ul> <li>Psychosocial model-</li> </ul>		
			Erikson		
			<ul> <li>Interpersonal model-</li> </ul>		
			H. Peplau, H.S. Sullivan		
			Assessment of mental health		
Ш	5	-Describe	status	Lecture	Short

	NF-3	nature,	<ul> <li>-History taking</li> </ul>		answer
	EF-2	purpose and	<ul> <li>-Mental status examination</li> </ul>		s
		process of	-Mini mental status	Discussion	Very
		assessment of	examination		short
		mental health	<ul> <li>-Neurological examination:</li> </ul>	Demonstr	answer
		status	review	ation	s
			<ul> <li>-Investigations: related</li> </ul>		Assess-
		a. S. '	blood chemistry, EEG, CT &		ment of
		6	MRI		skills
			<ul> <li>psychological tests Role and</li> </ul>	5.2	with
	20		responsibilities of nurse	-5	check
					list
		-Identify	Therapeutic communication	0	
		therapeutic	and nurse-patient relationship	0	5
_		communicatio	<ul> <li>-Review of therapeutic</li> </ul>	Lecture	
		n t <mark>echniques</mark>	communication: types,		
0	£	- <mark>Describe</mark>	techniques, characteristics		Short
	10	t <mark>herapeutic</mark>	• -Types of relationship,	Discussion	answer
	-6-	re <mark>lationship</mark>	<ul> <li>-Ethics and responsibilities</li> </ul>	e de la composition de la comp	S
IV	5	-Describe	-Elements of nurse patient	Demonstr	
		therapeutic	contract	ation	Very
		impasse and	-Review of technique of IPR-	Role play	short
		its intervention	Johari Window	Note play	answer
	1		<ul> <li>-Goals, phases, tasks,</li> </ul>	Process	S
			therapeutic techniques	recording	
			<ul> <li>Therapeutic impasses and</li> </ul>	recording	
			its intervention		
	10	Explain	Treatment modalities and		
v	NF-4	treatment	therapies used in mental	Lecture	Essay
	EF-6	modalities and	disorders		Short

	therapies used	<ul> <li>-Psycho Pharmacology</li> </ul>	Discussion	answer
	in mental	<ul> <li>-Psychological therapies:</li> </ul>		S
	disorders and	- Therapeutic	Demonstr	
	role of the	community,	ation	Very
	nurse	- Psycho therapy-		short
		- Individual therapy ,	Group	answer
		- psychoanalytical,	work	S
	0.51	- cognitive and		
	6	supportive - Family	Practice	
1		Therapy	session	
		• Group Therapy :	5	
5		Behavioral Therapy	Clinical	
		• Play t <mark>herapy,</mark>	practice	
		<ul> <li>Psycho-drama</li> </ul>		
		<ul> <li>Music, Dance,</li> </ul>	-	
		Recreational and		
CE-		<ul> <li>Light therapy,</li> </ul>		
40		Relaxation therapies :		
4		- Relaxation Technique,		
	(	- Yoga, Meditation,	10	
		- Biofeedback		
	ार्थ ।	Occupational therapy		
		Physical Therapy:		
		<ul> <li>Electro convulsive therapy</li> </ul>	N	

		Describe the	Nursing management of		
		etiology,	patient with Schizophrenia	Lecture	
		psycho-	and other delusional disorders		
		pathology,	<ul> <li>-Classification; ICD</li> </ul>	Discussion	Fare
		clinical	<ul> <li>-Etiology, psycho-</li> </ul>	Casa	Essay
		manifestations	pathology, types, clinical	Case	Chara
		, , , , , ,	manifestations, diagnosis	discussion	Short
	6 NF F	diagnostic	-Nursing Assessment-	Casa	answer
VI	NF-5	criteria and	History, Physical and mental	Case	S
	EF-1	manag <mark>ement</mark>	assessment	presentati	
	20	of patients	<ul> <li>-Treatment modalities and</li> </ul>	on	Very
	5	with	nursing management of	Clinical	short
		Schizophrenia	patients with Schizophrenia	Clinical	answer
			<ul> <li>-Follow-up, home care and</li> </ul>	practice	S
			rehabilitation	-	
					1
	6				
	al a	- <mark>Describe</mark> the	Nursing management of	Lecture	
	- L.	et <mark>iology,</mark>	patient with Mood (Affective)		
		psycho-	disorders	Discussion	Essay
		pathology,	<ul> <li>-Manic episode, Bipolar</li> </ul>		
		clinical	affective disorder,	Case	Short
	_				
	6	manifestations	Depressive episode	discussion	answer
VII	6 NF-5	manifestations Diagnostic	<ul> <li>-Etiology, psycho-</li> </ul>	discussion	answer s
VII				discussion Case	
VII	NF-5	Diagnostic	<ul> <li>-Etiology, psycho-</li> </ul>		
VII	NF-5	Diagnostic criteria and	<ul> <li>Etiology, psycho- pathology, clinical</li> </ul>	Case	S
VII	NF-5	Diagnostic criteria and management	<ul> <li>-Etiology, psycho- pathology, clinical manifestations, diagnosis.</li> </ul>	Case presentati	s Very
VII	NF-5	Diagnostic criteria and management of patients	<ul> <li>-Etiology, psycho- pathology, clinical manifestations, diagnosis.</li> <li>-Nursing Assessment-</li> </ul>	Case presentati	s Very short
VII	NF-5	Diagnostic criteria and management of patients with	<ul> <li>-Etiology, psycho- pathology, clinical manifestations, diagnosis.</li> <li>-Nursing Assessment- History, Physical and mental</li> </ul>	Case presentati on	s Very short answer
VII	NF-5	Diagnostic criteria and management of patients with affective	<ul> <li>-Etiology, psycho- pathology, clinical manifestations, diagnosis.</li> <li>-Nursing Assessment- History, Physical and mental assessment</li> </ul>	Case presentati on Clinical	s Very short answer

	1				
			patients with mood		
			disorders		
			<ul> <li>-Follow-up and home care</li> </ul>		
			and rehabilitation		
		Describe the	Nursing management of		
		etiology,	patient with neurotic, stress		
		psycho-	related and somatoform		
		pathology,	disorders		
		clinical	<ul> <li>-Anxiety disorder, Phobias,</li> </ul>	Lecture	
	1	manifestations	Dissociative disorder,	5 J	
	20	, diagnostic	Obsessive compulsive	Discussion	
	5	criteria and	disorder, somatoform		Essay
		management	disorders, Post traumatic	Case	
	_	of patients	stress disorder	discussion	Short
	7	with neurotic,	<ul> <li>-Etiology, psycho-</li> </ul>		answer
VIII	NF-5	str <mark>ess related</mark>	pathology, clinical	Case	S
	EF-2	and	manifestations, diagnosis	presentati	
	-	s <mark>omatoform</mark>	<ul> <li>-Nursing Assessment-</li> </ul>	on	Very
	1	disorders	History, Physical and mental	- 197	short
		1	assessment	Clinical	answer
			<ul> <li>-Treatment modalities and</li> </ul>	practice	S
		and a	nursing management of		
			patients with anxiety, OCD,		
	1		Phobias, stress related and	_	
	_		somatoform disorders		
			<ul> <li>-Follow-up and home care</li> </ul>		
			and rehabilitation.		
	6	Describe the	Nursing management of	Lecture	Essay
	NF-5	etiology,	patient with Substance use		
IX	EF-1	psycho-	disorders	Discussion	Short
		pathology,	<ul> <li>Commonly used</li> </ul>		answer

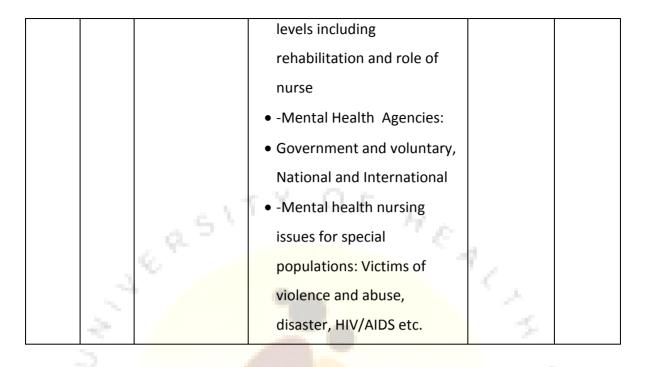
				•	
		clinical	psychotropic substance:	Case	S
		manifestations	Classification, forms, routes,	discussion	
		diagnostic	action, intoxication and		Very
		criteria and	withdrawal	Case	short
		management	<ul> <li>-Etiology of dependence:</li> </ul>	presentati	answer
		of patients	tolerance, psychological	on	S
		with substance	and physical dependence,		
		use disorders	withdrawal syndrome,	Clinical	
		61	diagnosis,	practice	
	1		<ul> <li>-Nursing Assessment-</li> </ul>	*	
	20		History, Physical, mental	-5	
	5		assessment and drug		
			assay	0	
			• -Treatment (detoxification,		5
			antabuse and narcotic	_	
			antagonist therapy and		1
	6		harm reduction) and	7 3	
	a de la composición de la comp		nursing management of	0	
	1		patients with substance use		
		6	disorders	69	
			• Follow-up and home care		
		and a	and rehabilitation		
		Describe the	Nursing management of	Lecture	
	1	etiology,	patient with Behavioral		Essay
	-	psycho-	syndromes associated with	Discussion	
	7	pathology,	Physiological disturbances and		Short
х	NF-6	clinical	physical factors, sleep	Case	answer
	EF-1	manifestations	<ul> <li>Sexual dysfunction and</li> </ul>	discussion	s
		diagnostic	<ul> <li>Eating disorders</li> </ul>		
		criteria and	<ul> <li>-Eating disorders : Anorexia</li> </ul>	Case	Very
		management	nervosa, Bulimia nervosa	presentati	short
	I				1

		of patients	-Non organic sleep disorder	on	answer
		with sleep,	:		S
		sexual and	• Insomnia, Hypersomnia,	Clinical	
		eating	Sleep walking, Nightmares	practice	
		disorders	-Sexual dysfunctions	•	
			-Puerperium psychosis		
			-Classification of disorders		
		2 S \	-Etiology, psycho-		
		65 -	pathology, characteristics,	ł.,	
			diagnosis,	< 1	
	5		<ul> <li>-Nursing Assessment-</li> </ul>	-6	
	2		History, Physical and mental	0	
-			assessment	C	5
			-Treatment modalities and		-
		_	nursing management of	- F	1
			patients with non organic,	7 3	
			sleep, sexual and eating	0	
	<u>ب</u> دي		disorders	10	
	1		-Follow-up and home care	69	
			and rehabilitation		
		Describe the	Nursing management of	Lecture	Essay
		etiology,	childhood and adolescent		
		psycho-	disorders including mental	Discussion	Short
	6	pathology,	deficiency		answer
	NF-4	clinical	<ul> <li>Classification</li> </ul>	Case	S
XI	EF-2	manifestations	<ul> <li>Etiology, psycho-pathology,</li> </ul>	discussion	
		, diagnostic	characteristics, diagnosis,		Very
		criteria and	nursing assessment	Case	short
		management	(history, physical , mental	presentati	answer
		of childhood	and IQ assessment)	on	S
		and adolescent			

		disorders	Mental Retardation	Clinical	
		including	• Developmental disorder of :	practice	
		mental		procee	
			• Speech & language,		
		deficiency	Scholastic skills,		
			Hyperkinetic disorder,		
			<ul> <li>Conduct disorder, Autism,</li> </ul>		
		61	• Enuresis, Encopresis,		
		, ę	• Tic disorders		
		Describe the	Nursing management of	1	
	1	etiology,	organic mental disorders	Lecture	
	4	psy <mark>cho-</mark>	<ul> <li>-Classification, Etiology,</li> </ul>	5	
	5	pathology,	psycho-pathology, clinical	Discussion	
		clinical	features, diagnosis and	9	Essay
		manifestations	differential diagnosis of-	Case	
		, diagnostic	• Dementia, Delirium,	discussion	Short
	6	cri <mark>teria and</mark>	Alzheimer's	<u> </u>	answer
XII	NF-5	management	<ul> <li>-Nursing Assessment-</li> </ul>	Case	s
	EF-1	o <mark>f organic</mark>	History, Physical, mental	presentati	
	-6-	br <mark>ain disorders</mark>	and neurological	on	Very
		6	assessment	59	short
			<ul> <li>-Treatment modalities and</li> </ul>	Clinical	answer
		and a	nursing management of	practice	s
			organic mental disorders		
	1		<ul> <li>-Follow-up and home care</li> </ul>		
			and rehabilitation		
		Identify	Psychiatric emergencies and	Lecture	
	7	psychiatric	crisis intervention		Essay
хш	NF-6	emergencies	<ul> <li>-Types of psychiatric</li> </ul>	Discussion	- 1
	EF-1	and carry out	emergencies and their		Short
		crisis	management	Case	answer
			management	Cuse	

		intervention	<ul> <li>-Stress adaptation Model:</li> </ul>	discussion	S
			<ul> <li>stress and stressor, coping,</li> </ul>		
			resources and mechanism	Case	Very
			<ul> <li>-Grief: Theories of grieving</li> </ul>	presentati	short
			process, principles,	on	answer
			techniques of counseling		S
			<ul> <li>-Types of crisis</li> </ul>	Clinical	
		, e. <sup>2</sup> '	-Crisis Intervention:	practice	
		S.	• Principles, techniques and	· / ·	
			process	1 . A	
	2			5	
	2	Describe the	Disorder of adult personality		
		etiology,	and Behaviour	- Y	Chart
		psycho-	<ul> <li>Personality disorders</li> </ul>		Short
-		pathology,	• -Gender identity disorder :	Lastura	answer
	5	clinical feature	• Transsexualism, Dual role	Lecture	S
XIV	NF-4	and	transvestism	<b>.</b> .	
	EF-1	management	• -Sexual preference	Discussion	Very
		of personality	(perversion)		short
		disord <mark>ers</mark>	<ul> <li>-Habit and impulse</li> </ul>	1-0	answer
			disorder		S
		ार्थ व	नवन्त् सांग्धनः		
		-Identify the	Geropsychiatry		Short
		mental disorders of	<ul> <li>Theories of aging-review</li> </ul>		answer
	5	old age.	-Mental illness in elderly	Lecture	S
	NF-4	-Discuss the management	<ul> <li>-Management of Mental</li> </ul>		-
XV	EF-1	of mental	disorder in old age	Discussion	Very
	_	health problems of	<ul> <li>-Role of geropsychiatric</li> </ul>		short
		old age & the	nurse		answer
		role of geropsychiatric			S
		nurse			3

		-Explain legal	Legal issues in Mental Health		
		aspects	Nursing		
		applied in	• -The Mental Health Act		
		mental health	1987: Act, Sections, Articles		
		settings	and their implications etc.		Short
		-Describe	<ul> <li>Indian Lunacy Act. 1912</li> </ul>		answer
	6	Mental Health	<ul> <li>-Rights of mentally ill clients</li> </ul>	Lecture	S
N/4	NF-4	Act, Forensic	-Forensic psychiatry		
XVI	EF-2	Psychiatry	-Acts related to narcotic	Discussion	Very
	1	-Discuss the	and psychotropic	1 A	short
	2	admission &	substances and illegal drug	5	answer
	5	discharge	trafficking		S
		procedure	<ul> <li>-Admission and discharge</li> </ul>	9	
			procedures (Govt. hospitals)	C	0
-			<ul> <li>-Role and responsibilities of</li> </ul>	-	
			nurse		
-4	č.	-Describe the	nurse Community Mental Health	Lecture	
-1	. 43	-Describe the model of		Lecture	-
-d	434		Community Mental Health	- 15	Short
-1	434	m <mark>odel of</mark>	Community Mental Health Nursing	Lecture Discussion	Short answer
-4	1 3 H	m <mark>odel of</mark> preventive	Community Mental Health Nursing • Development of Community	Discussion	
-4	8	model of preventive psychiatry	Community Mental Health Nursing  Development of Community Mental Health Services:	Discussion Clinical/	answer
XVII	8 NF-3	model of preventive psychiatry -Describes	Community Mental Health Nursing  Development of Community Mental Health Services:  -National Mental Health	Discussion Clinical/ field	answer
XVII		model of preventive psychiatry - Describes Community	Community Mental Health Nursing  Development of Community Mental Health Services:  -National Mental Health Programme	Discussion Clinical/	answer s
XVII	NF-3	model of preventive psychiatry -Describes Community Mental health	Community Mental Health Nursing  Development of Community Mental Health Services:  -National Mental Health Programme -Institutionalization Versus	Discussion Clinical/ field	answer s Assess
XVII	NF-3	model of preventive psychiatry - Describes Community Mental health services and	Community Mental Health Nursing	Discussion Clinical/ field practice	answer s Assess ment of the field
XVII	NF-3	modelofpreventivepsychiatry-DescribesCommunityMentalservicesandroleofthe	Community Mental Health Nursing    Development of Community Mental Health Services:	Discussion Clinical/ field practice Field visits	answer s Assess ment of the field visit
XVII	NF-3	modelofpreventivepsychiatry-DescribesCommunityMentalservicesandroleofthe	Community Mental Health Nursing   Development of Community Mental Health Services:   -National Mental Health Programme  -Institutionalization Versus Deinstitutionalization  -Model of Preventive psychiatry: Levels of	Discussion Clinical/ field practice Field visits to mental	answer s Assess ment of the field
XVII	NF-3	modelofpreventivepsychiatry-DescribesCommunityMentalservicesandroleofthe	Community Mental Health Nursing   Development of Community Mental Health Services:  -National Mental Health Programme  -Institutionalization Versus Deinstitutionalization  -Model of Preventive psychiatry: Levels of Prevention	Discussion Clinical/ field practice Field visits to mental health	answer s Assess ment of the field visit



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## **MENTAL HEALTH NURSING - PRACTICAL**

Placement: III	Year
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# Duration: 360 hours (9 weeks)

Areas	Dura tion (weeks )	Objectives	Skills	Assignments	Assessment methods
Psychiatric	1	-Assess	-History taking	-History	-Assess
OPD		patients with	-Perform mental	taking and	performanc
		mental	status	Mental	e with
		health	examination	status	rating scale
		problems	(MSE)	examination	-Assess each
		-Observe and	-Assist in	-5	skill with

		assist in	psychometric	-Psycho	checklist
		therapies	assessment	education-1	-Evaluation
		-Counsel and	-Perform		of psycho
		educate	neurological	Observation	education
		patient, and	examination	report of	-
		families	-Observe and	OPD	Assessment
			assist in therapies		of
		51	-Teach patients	8	observation
	-67		and family	14.	report
	2		members	S	-Completion
2					of activity
		1			record
					-OSCE
Child	1	-Assessment	-History taking	Observation	-Assess
guidance		of children	-Assist in	<mark>report o</mark> f	performanc
clinic		with various	psychometric	different	e with
rić.		mental	assessment	therapies	rating scale
		health	-Observation and	<mark>one e</mark> ach	-Assess each
		problems	as <mark>sist in various</mark>		skill with
		-Counsel and	therapies	63	checklist
		educate	-Teach family and		-Evaluation
	33	children,	significant others	1.1	of the
		families and			observation
/		significant	~		report
		others.			
Inpatient	6	-Assess	-History taking	-Give care to	-Assess
ward		patients with	-Perform mental	2-3 patients	performanc
		mental	status	with various	e with
		health	examination	mental	rating scale
		problems	(MSE)	disorders	-Assess each
		-To provide	-Perform	-Case study-	skill with

		nursing care	neurological	1	checklist	
		for patients	examination	-Care plan-2	-Evaluation	
		with various	-Assist in	-Clinical	of the case	
		mental	psychometric	presentation	study, care	
		health	assessment	-1	plan, clinical	
		problems	-Record	-Process	presentatio	
		-Assist in	therapeutic	recording-5	n, process	
	- 0	various	communication	-Maintain	recording	
	. G.	therapies	-Administer	drug book	-Completion	
	4	-Counsel and	medications	· · · >	of activity	
~		educate	-Assist in Electro		record.	
		patients,	Convulsive			
		families and	Therapy(ECT)		01	
		significant	-Participate in all		0	
		others	therapies	1. an	171	
			-Prepare patients			
06-			for Activities of	11		
40			Daily living (ADL)		0	
4			-Conduct		77	
		C	admission and	60		
		1	discharge			
	- 33	ावं भाव	counseling			
			-Counsel and			
1			teach patients			
			and families			
Community	1	-To identify	-Identify	Observation	-Assess	
psychiatry		patients with	individuals with	report on	performanc	
		various	mental health	field visits	e	
		mental	problems	- Special	with rating	
		disorders	-Assists in mental	school for	scale	
		-To motivate	health camps and	mentally	-Evaluation	

		patien	ts for	clinics		challenged	of case
		early		-Counsel	and	-De addiction	work and
		treatm	nent	teach	family	Centre	observation
		and	follow	members,		- Reha	report
		up		patients	and	bilitat	-Completion
		-To as	ssist in	community	/	ion	of activity
		follow	up	0,		centre for	record
	- 0.	clinic		1		mentally ill	
	. C.	-Couns	sel and			based on	
	9.	educat	te			Therapeutic	
		patien	t,			Community.	ç
		family	and			-Home for	
		comm	unity			destitute	0
~							0

## **NURSING RESEARCH AND STATISTICS**

Placement: III Year

#### Theory- 50 hours

(Nursing Research-35 hours; Statistics-15 hours)

Practical - 80 hours (2 weeks)

#### **Course Description:**

This course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further structured to conduct/participate in need based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

Unit	Time (hrs)	Learning objectives	Content	Teaching learning activity	Assessm ent methods
		-Describe the	Research process	Lecture	Essay
I	4	concept of	<ul> <li>Introduction</li> </ul>	Discussion	
		research,	<ul> <li>-research- definition,</li> </ul>		Short

r	Г				
		terms, need	purpose		answers
		and areas of	<ul> <li>Steps of scientific methods</li> </ul>		
		research in	<ul> <li>-Characteristics of good</li> </ul>		Very
		nursing	research		short
		-Explain the	<ul> <li>Nursing research—</li> </ul>		answers
		steps of	definition, importance of		
		research	research in nursing		
		process.	<ul> <li>need and scope of nursing</li> </ul>		
		. S	research	9	
		4	<ul> <li>research terminology</li> </ul>	1 pt -	
			<ul> <li>-Steps of Research process</li> </ul>	5	
	5		Research Problem/Question		
			<ul> <li>Research problem-</li> </ul>	01	
	1		definition	0	
			<ul> <li>-sources of research</li> </ul>	-	
	4		problem, -Identification of		
	CL-		problem area	1 5	
	ak.		<ul> <li>-formulation of Problem</li> </ul>	Lecture	Essay
	4	Identify and	statement	Discussion	
		state the	-Criteria of a good research	Exercise on	Short
п	4	research	problem	writing	answers
		problems and	<ul> <li>- objectives- definition</li> </ul>	statement of	
		objectives	qualities of objectives,	problems,	Very
	1		statement of objectives	objectives and	short
			<ul> <li>-operational definition</li> </ul>	hypothesis	answers
			<ul> <li>-conceptual model</li> </ul>		
			<ul> <li>- hypothesis- definition,</li> </ul>		
			types of hypothesis,		
			statement of hypothesis		
			<ul> <li>ethical considerations</li> </ul>		

			Review of Literature	Lecture	
				Discussion	Essay
			<ul> <li>-definition, purposes, types</li> </ul>	Exercise on	
		Review the	<ul> <li>-Location</li> </ul>	reviewing	Short
		related	<ul> <li>-Sources</li> </ul>	one research	
ш	3	literature	<ul> <li>-On line search: CINHAL,</li> </ul>	report/ article for a	answers
				selected	
			COCHRANE	research	Very
		2.1	<ul> <li>-Method of review</li> </ul>	problem.	short
		a. "	78	Prepare annotated	answers
		6.		Bibliography	answers
		4	Research approaches and		
	1.0		designs		
				3	
	25		-Research approaches-		
			Qualitative and Quantitative	0	
	-12		<ul> <li>-Research designs-</li> </ul>	. O.	Eccove
			definition, types of designs		Essay
		Describe the	in quantitative and	in .	
	-62	research	qualitative approaches,	Lecture	Short
	CL_	ap <mark>proaches</mark>			answers
IV	6	and designs	• quantitative:	Discussion	
			Experimental , descriptive,	19	Very
			survey;	69	
			• qualitative approaches:		short
			ethnography,		answers
		मार्थ			
			phenomenology, grounded		
			theory,		
	-		<ul> <li>advantages and</li> </ul>		
			disadvantages		
		-Explain the	Sampling and data collection	-Lecture	Essay
		sampling	<ul> <li>-Definition of population,</li> </ul>	-Discussion	
v	10	process	<ul> <li>Sample, sampling criteria,</li> </ul>	-Preparation of	Short
		-Describe the	factors influencing	sample data	answers
		methods of	<ul> <li>Sampling process, types of</li> </ul>	collection tool.	

		data	sampling techniques	-Conduct group	Very
		collection	<ul> <li>-Data collection methods</li> </ul>	research project	short
			and instruments:		answers
			Methods of data collection:-		
			self report, observations,		
			record analysis and		
			measurement		
		0.51	<ul> <li>-data collection instruments</li> </ul>		
		S	<ul> <li>-Validity &amp; Reliability of</li> </ul>	9	
		4	instruments	1 x -	
	- 24		<ul> <li>-Data collection procedure</li> </ul>	-5	
	3		<ul> <li>-Pilot study</li> </ul>		
			Analysis o <mark>f data:</mark>		
	1	Analyze,	• Data preparation,	0	Short
		interpret and	• Compilation,	Lecture	answers
VI	<u>م</u>	summarize	• Tabulation,	Discussion Preparation of	
VI	CL-	the research	classification,	sample table	Very
	100	data	• summarization,	sample table	short
	5-		Presentation and	6	answers
			• interpretation of data.		
		-Explain the	Introduction to statistics	-Lecture	
		use of statistics,	<ul> <li>Definition, use of statistics,</li> </ul>	-Discussion	Essay
		scales of	-Scales of measurement	-Practice on	
		measurement	<ul> <li>-Frequency distribution and</li> </ul>	graphical	Short
VII	15	and graphical	graphical presentation of	presentations	answers
•	10	presentation of	data	-Practice on	
		data	<ul> <li>-Descriptive and inferential</li> </ul>	computation of	Very
		-Describe the	statistics	measures of	short
		measures of	<ul> <li>-Mean, Median, Mode,</li> </ul>	central	answers
		central	Standard deviation,	tendency,	

		tendency and	Normal probability and Tests	variability &	
		variability and	of significance:	correlation	
		methods of	- 'Z' test,		
		correlation	- 't' test,		
			- Chisquare test,		
			- Coefficient of		
			correlation,		
		a 5 '	<ul> <li>Statistical packages and its</li> </ul>		
		S	application	9	
		-1	Communication and utilization	1 x	
	- 25		of research findings	-Lecture	
	5		<ul> <li>-Communication of research</li> </ul>	Discussion	<b>F</b> actor
			finding <mark>s :</mark>	-Read/	Essay
	~	Communication	-Verbal report	Presentations of	Short
		and utilization	<ul> <li>-Writing research report-</li> </ul>	a published/	answers
VIII	4	of research	format and style	unpublished	answers
	CÉ-	findings	-Writing scientific article /	research report	Very
	10	lindings	paper	-Writing group	short
	- 4		-Critical review of published	research project	answers
			research	60	answers
			<ul> <li>-Utilization of research</li> </ul>		
		मर्थ	findings		

Project (practical)

-80 hrs ( 2 weeks )

Each group of 5 to 7 student will undertake a research project intended to improve patient care directly or indirectly. Project report has to be submitted for evaluation.

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सव भवन्त् स्राखन

## FOURTH YEAR B Sc NURSING

## **OBSTETRIC AND GYNAECOLOGICAL NURSING**

RSITY

### **OBSTETRIC NURSING**

**Placement: IV Year** 

Theory - 100 hrs Nursing faculty: 90 hrs External faculty: 10 hrs Practical: 480 hrs

#### **Course Description:**

This course is designed for students to appreciate the concepts and principles of obstetric nursing and helps them to acquire knowledge and develop attitude and beginning skills in rendering nursing care to normal and high risk pregnant women during antenatal, natal and postnatal periods in hospital and community settings. It also helps to develop skills in managing normal and high risk neonate and participate in family welfare programmes.

He.

Unit	Time (hours)	Learning Objective	Content	Teaching learning activities	Assess ment method
	3	-Appreciate the trends and issues	Introduction to concepts of Obstetric Nursing • Historical perspectives and	Lecture	Short
I	3	in Obstetric nursing -Identify the legal and ethical	<ul> <li>current trends</li> <li>Hall marks of Midwifery</li> <li>Contemporary issues in obstetrics</li> <li>Legal and ethical aspects</li> </ul>	Discussio n Explain using	answers Very short answers
		aspects in obstetric nursing	Role of Obstetric Nurse	slides, Charts	
II	7	Describe the anatomy	Review of anatomy and physiology of female reproductive system	Lecture Discussio	Essay

			_	
	and	<ul> <li>Female pelvis- general</li> </ul>	n	Short
	physiology	description of the bones,		answers,
	of female	joints, ligaments, planes of	Explain	
	reproductiv	the pelvis, diameters of the	using	Very
	e system.	true pelvis, important	charts	short
	-Discuss pre	landmarks, variation in shape	and	answers
	conception	of pelvis.	models	
	care and	• Female organs of		
	preparation	reproduction- external	· .	
1.1	for <mark>planned</mark>	genitalia, internal genital	Demonst	
1.0	parenthood	organs and their anatomical	rate with	
5		relations, musculature-	models,	
	-Explain	blood, supply, nerves,	objects 🦷	n
-	conception	lymphatics, pelvic floor,		0
	and fetal	pelvic cellular tissue, pelvic	Practice	
-	dev <mark>elopmen</mark>	peritoneum	sessions	111
85	t	Physiology of menstrual	<b>7</b> ·	1
1.1		cycle-	-Explain	5
4		Preconception care and	using	
		preparing for parenthood	charts,	
		<ul> <li>Conception and foetal</li> </ul>	slides&	
	3377	development	models	
		<ul> <li>Review of fertilization,</li> </ul>	-	
		implantation, embedding of	Demonst	
-		the ovum, development of	rate with	
		the embryo, foetus and	models,	
		placenta, placenta at term,	objects	
		functions abnormalities, the	Practice	
		foetal sac, amniotic fluid, the	session	
		umbilical cord		
		<ul> <li>Foetal circulation, foetal</li> </ul>		

			skull, bones,		
			<ul> <li>Sutures and measurements</li> </ul>		
		Explain	Maternal, prenatal and genetic		
		maternal,	influences on development of		
		prenatal	defects and diseases		
		and genetic	<ul> <li>Conditions affecting the</li> </ul>		
		influences	mother, genetic and		
		on	infections		
		developmen	Consanguinity	· / ·	
	1	t of defects	<ul> <li>Prenatal nutrition and food</li> </ul>	12	<b>F</b>
	÷.	and	allergies.	- 5	Essay
	5	diseases	<ul> <li>Maternal Age</li> </ul>	Locturo	Short
			<ul> <li>Maternal drug therapy</li> </ul>	Lecture Discussio	
	3		<ul> <li>Prenatal diagnosis and</li> </ul>	n Explain	answers,
- 111 =	NF-2		counseling	using	Very
	EF-1		• Effect of radiation, drugs and	charts,	short
	£		chemicals	slides	answers
	- 40		<ul> <li>Infertility Spontaneous</li> </ul>		
	4		abortion	67	
			Neural Tube Defects and the		
			role of folic acid in lowering		
		मय	the risks Down syndrome		
			(Trisomy 21)		
			<ul> <li>Genetic counseling</li> </ul>	$\sim$	
			Nurses role in minimizing		
			threats to the developing		
			embryo and foetus		
	8	Describe	Assessment and management	Lecture	
IV	NF-6	the	of pregnancy (antenatal)		Essay
	EF-2	diagnosis	<ul> <li>Normal pregnancy</li> </ul>	Discussio	

	and	Physiological changes during	n	Short
	managemen	pregnancy :		answers,
	t of women	<ul> <li>Reproductive system,</li> </ul>	Case	
	during	<ul> <li>Cardio vascular system,</li> </ul>	discussio	Very
	antenatal	<ul> <li>Respiratory system,</li> </ul>	n	short
	period	<ul> <li>Urinary system,</li> </ul>		answers
	- A 1	<ul> <li>Gastro intestinal system,</li> </ul>	Explain	
	. e. <sup>2</sup> .	• Metabolic changes,	using	Assessm
	6	<ul> <li>Skeletal changes,</li> </ul>	slides,	ent of
1		• Skin changes,	charts	skills
~		<ul> <li>Endocrine system-changes of</li> </ul>	- 5	with
0		endocrine and role of	Presenta	checklist
		endocrine system in relation	tion	
~		to reproduction		0
		Psychological changes.	Health	
-4		<ul> <li>Diagnosis of pregnancy:</li> </ul>	talk	171 Ter
S-		• History, physical assessment,	<b>/</b>	
4.0		<ul> <li>Confirmatory tests,</li> </ul>	Practice	5
4		Differential diagnosis.	session	
		• Foetal assessment-		
		<ul> <li>Bio physical – foetal</li> </ul>	Counseli	
	1111	movement count,	ng	
		sonography,	session	
		cardiotocography, NST, CST,		
		nipple stimulation test,	Case	
		vibroacoustic stimulation	discussio	
		test[VAST], Manning score	n in	
		<ul> <li>Biochemical- Human estriol,</li> </ul>	clinical	
		Maternal serum alpha	area	
		fetoprotein, acetyl choline		
			Demonst	

	esterase(AchE), Triple test,	ration
	Aminocentesis,	
	Cordocentesis. Chorionic	Practice
	villus	session
	sampling[CVS].Intrauterine	
	foetal therapies	Supervis
1	<ul> <li>-Radiology in obstetrics</li> </ul>	ed
e. 2	Antenatal care	clinical
. 6	-Objectives	practice
2	<ul> <li>-Assessment : History and</li> </ul>	1 A
	physical examination,	- 5
5	Antenatal Examination,	
	• Signs of previous child birth,	0.0
<	<ul> <li>-Relationship of foetus to</li> </ul>	0
-	uterus and pelvis: Lie,	
4	Attitude presentation,	
14	position.	
فن	-Pervaginal examination	
4	Screening and assessment for	
	high risk,	60
	• Risk approach.	
- मध	-Antenatal preparation	
	<ul> <li>Antenatal counseling,</li> </ul>	
	<ul> <li>Antenatal exercises,</li> </ul>	
	• Diet,	
	<ul> <li>Minor disorders and</li> </ul>	
	management,	
	<ul> <li>Complementary therapies in</li> </ul>	
	obstetric practice	
	• Child birth Education classes	

	1	T		1	
			Husband		
			• Families		
			<ul> <li>Preparation for safe</li> </ul>		
			confinement.		
			<ul> <li>-Psycho social and cultural</li> </ul>		
			aspects of pregnancy:		
		1	<ul> <li>Adjustment to pregnancy,</li> </ul>		
		. e. ? .	• Unwed mother,		
		6	<ul> <li>Single parent,</li> </ul>	8 _	
	1		<ul> <li>Teenage pregnancy,</li> </ul>	<u>`</u> ,>-	
	2		• Sexual violence,	- 5	
	3		• Adoption .		
		Describe	Assessment and management	Lecture	
-	C	the	of intranatal period	Discussio	Essay
	1	physiology	• - Essential factors of labour	n	
	Ľ.	and stages	<ul> <li>Physiology of labour,</li> </ul>		Short
	ý	of labour	mechanism of labour	Demonst	answers,
	40		<ul> <li>-Management of labour:</li> </ul>	ration	5
	4	D <mark>escribe</mark>	• First stage-	using	Very
		the	• -Physiology of normal labour,	partogra	short
		managemen	<ul> <li>Signs and symptoms of onset</li> </ul>	ph	answers
V	12	t of women	of labour –normal and	Demonst	
		during	abnormal	ration	Assessm
	1	intranatal	• Duration,	using	ent of
		period	<ul> <li>Preparation of :</li> </ul>	Obstetric	skills
			• Labour room	maniquin	with
			• Women		checklist
			<ul> <li>Assessment and observation</li> </ul>	Case	
			of women in labour.	discussio	
			<ul> <li>Partogram- maternal and</li> </ul>	n/	

r			1
		foetal monitoring	presenta
		<ul> <li>Active management of</li> </ul>	tion.
		labour,	
		<ul> <li>Pain relief and comfort in</li> </ul>	Simulate
		labour,	d
		<ul> <li>Pharmacological and non</li> </ul>	practice
	1	pharmacologic management	
	Q. 7	Second stage	Supervis
	6	<ul> <li>Signs and symptoms: normal</li> </ul>	ed
		and abnormal	clinical
2		Duration	practice
5		Mechanism of labour	
		<ul> <li>Conduct of delivery:</li> </ul>	
		Principles and techniques	Practice
-		• Episiotomy (only if required)	session
-		Receiving the new born	-
0£-		<ul> <li>Neonatal resuscitation; initial</li> </ul>	
الي ا		steps and subsequent	1 2
- 5-		resuscitation, Apgar scoring	Demonst
		Care of umbilical cord	rate
		Immediate assessment	using
	मर्च	including screening for	episioto
		congenital anomalies	my
1		<ul> <li>Identification</li> </ul>	simulator
		Bonding	
		<ul> <li>Initiate feeding</li> </ul>	
		<ul> <li>Screening and transportation</li> </ul>	
		of the neonate	
		<ul> <li>Third stage</li> </ul>	
		<ul> <li>Signs- and symptoms- normal</li> </ul>	

			and abnormal		
			Duration		
			<ul> <li>Methods of placental</li> </ul>		
			separation, expulsion of		
			placenta and membranes		
			<ul> <li>Management- Principles and</li> </ul>		
		1.1	techniques		
		0.7	• Examination of perineum		
		61	<ul> <li>Maintaining records and</li> </ul>	۰.	
	1		reports	12	
	2		• Fourth Stage	- 5-	
	5		<ul> <li>Vigilant observation and care</li> </ul>		
			of themother and newborn		P
	C	Describe	Assessment and management	Lecture	0
		the	of woman during post natal	discussio	Essay
-	ć	p <mark>hysiology</mark>	period.	n	
	6	of	Normal puerperium	7	Short
	40	puerperium.	<ul> <li>Physiology, Psychological</li> </ul>	Demonst	answers,
	4		phases of puerperium	ration	
		-Describe	Post natal assessment and	53	Very
		the	management	Health	short
VI	4	managemen	<ul> <li>Promoting physical and</li> </ul>	talk	answers
		t of women	emotional wellbeing		
	1	during post	<ul> <li>Management of lactation</li> </ul>	Practice	Assessm
		natal period	<ul> <li>Family dynamics after child</li> </ul>	session	ent of
			birth		skills
			<ul> <li>Family welfare services,</li> </ul>	Supervis	with
			methods, counseling	ed	checklist
			• Follow up	clinical	
			<ul> <li>Records and reports</li> </ul>	practice	

		Describe	Assessment and management		
		the	of normal neonates		
		assessment	<ul> <li>The normal neonate</li> </ul>		Essay
		and	<ul> <li>Physiological adaptation,</li> </ul>	Lectures	
		managemen	Initial & daily assessment,	discussio	Short
		t of normal	including neonatal reflexes &	n	answers,
		neonate	clinical implications		
		Q. 7	Essential newborn care	Demonst	Very
		6.	• Thermal control, Breast	ration	short
VII			feeding	S 24	answers
VII	4		• Prevention of infections,	Practice	
	5		immunization	session	
			Minor disorders of newborn		Assessm
	C		and its management	Supervis	ent of
			Levels of Neonatal care (level	ed	skills
	C		I, II & III)	Clinical	with
- 0	6		<ul> <li>At primary, secondary and</li> </ul>	practice	checklist
	40		tertiary levels		2
	4		Maintenance of reports and		
			records	-9	
		Describe	High risk pregnancy-	Lecture	
		the	assessment & management	discussio	Essay
		identificatio	<ul> <li>-Screening and assessment</li> </ul>	n	
	1	n and	Newer modalities of		Short
VIII	23	managemen	diagnosis	Demonst	answers,
	NF-19	t of women	<ul> <li>-High risk approach</li> </ul>	rate	
	EF-4	with high	<ul> <li>-Levels of care, primary</li> </ul>	using	Very
		risk	secondary and tertiary level	video	short
		pregnancy	<ul> <li>-Disorders of pregnancy</li> </ul>	films,	answers
			• Hyper emesis gravidarum,	scan,	
			209	reports	Assessm

		bleeding in early pregnancy,	partogra	ent of
		abortion, ectopic pregnancy	ph	skills
		&vesicular mole	·	with
		<ul> <li>Bleeding in late pregnancy</li> </ul>	Case	checklist
		• Ante partum haemorrhage-	discussio	
		placenta praevia	n	
		Abruptio placenta	presenta	
	251	-Uterine abnormality and	tion	
	2 m -	displacement	1	
-2	× _	-Diseases complicating	Health	
		pregnancy-	talk	
-		Medical and surgical		
		conditions, infections UTI,	Practice	n
		STD, HIV, TORCH,	session	0
		Gynecological diseases		
		complicating pregnancy,	Supervis	m
		Pregnancy Induced	ed	25
		Hypertension & Diabetes,	clinical	5
- CP			practice	
- 9-		Hydramnios,	62	
		Rh incompatibility, multiple		
		gestation, mental disorders,		
	मय	Adolescent pregnancy,		
-		Elderly primi and grand		
		multipara,		
		<ul> <li>Abnormalities of placenta &amp;</li> </ul>		
		cord,		
		<ul> <li>Intra uterine growth</li> </ul>		
		restriction,		
		Immunology in pregnancy,		
		Coagulation failure in		

			25022220		
			pregnancy,		
			<ul> <li>Nursing management of</li> </ul>		
			mothers with high risk		
			pregnancy		
			<ul> <li>Maintenance of records and</li> </ul>		
			reports		
		Describe	Abnormal Labour- Assessment		
		managemen	and Management		
		t of	• Disorders in labour:	Lecture	
	1	abn <mark>ormal</mark>	CPD and contracted pelvis,	Discussio	
	10	labour and	Mal positions and mal	n 🛸	_
	5	obstetric	presentations,		Essay
		emergencie	<ul> <li>Premature labour&amp;</li> </ul>	Demonst	
	C	S	premature rupture of	ration	Short
	1		membrane, disorders of		answers,
	Ľ		uterine actions- precipitated	Case	
	¥		labour, prolonged labour or	discussio	Very
	15		dysfunctional labour,	n/	short
IX	NF-12		abnormal uterine action	presenta	answers
	EF-3		Obstructed labour	tion	
			<ul> <li>Post maturity, Intra uterine</li> </ul>		A
		सार्व	fetal death	Practice	Assessm
			<ul> <li>Complications of third stage:</li> </ul>	Session	ent of
	5		<ul> <li>Injuries to birth canal</li> </ul>		skills
			<ul> <li>-Obstetrical emergencies and</li> </ul>	Supervis	with
			their management:	ed	checklist
			<ul> <li>Presentation and prolapse of</li> </ul>	clinical	
			cord, Vasa praevia, amniotic	practice	
			fluid embolism, rupture of		
			uterus, shoulder dystocia,		

	1	1			
			obstetrical shock, inversion		
			of uterus		
			<ul> <li>-Obstetrical procedures and</li> </ul>		
			operations		
			<ul> <li>Induction of labour, forceps,</li> </ul>		
			vacuum, version, manual		
			removal of placenta,		
		0.7	caesarean section,		
		6.	destructive operations.	·	
			<ul> <li>-Nursing management of</li> </ul>	12	
	100		women undergoing obtetrical	- 5	
	5		operations and procedures		
		Describe	Abnormalities during Post natal		P
	C	managemen	Period		0
		t of post	<ul> <li>-Assessment and</li> </ul>	Lecture	Essay
	c	n <mark>atal</mark>	management of women with	discussio	
	16- C	complicatio	post natal complications-	n	Short
	12	ns	Puerperal infections, Breast		answers
	-6-		engorgement & infections,	Case	Marri
			UTI, Thrombo- embolic	discussio	Very
х	4		disorders,	n/	short
^	4	मार्थ	<ul> <li>Difficulties of lactation,</li> </ul>	presenta	answers
			• Suppression of lactation,	tion	Assessm
	1		<ul> <li>Post- partum hemorrhage,</li> </ul>		ent of
			and sub involution.	Supervis	skills
			<ul> <li>-Psychological complications:</li> </ul>	ed	with
			<ul> <li>Post partum blues, Post</li> </ul>	Clinical	checklist
			partum depression, Post	practice	CHECKIIST
			partum Psychosis		
	I	I	1		

		Describe	Assessment and management		
		assessment	of high risk newborn	Lecture	
		and	<ul> <li>-Admission of neonates in</li> </ul>	discussio	
		managemen	the neonatal intensive care	n	
		t of the high	units.		Essay
		risk	<ul> <li>Protocols of management</li> </ul>	Demonst	
		neonates	<ul> <li>-Nursing management of low</li> </ul>	ration	Short
		0.21	birth weight babies-		answers,
		6.	<ul> <li>Infections, Respiratory</li> </ul>	Practice	
	1		problems	session	Very
	2		Hemolytic disorders,	5	short
хі	5		• Birth injuries, Malformations.	Case	answers
			• -Monitoring of high risk	discussio	
-	Č		neonates	n	Accossm
	1		<ul> <li>Kangaroo mother care</li> </ul>		Assessm ent of
	Ĺ		<ul> <li>Feeding of high risk neonates</li> </ul>	Presenta	skills
	£		<ul> <li>-Organization and</li> </ul>	tion	with
	40		management of neonatal		checklist
	4		intensive care units	Supervis	checkist
			Infection control in neonatal	ed	
			intensive care units	clinical	
		मय	<ul> <li>-Maintenance of reports and</li> </ul>	practice	
			records		
	1	Describe	Pharmaco- therapeutics in	Lecture	Short
		indications,	Obstetrics	Discussio	answers,
		dosage,	<ul> <li>Indication, dosage, action,</li> </ul>	n	unswers,
XII	6	action, side	contra indication and side	Drug	Very
		effects and	effects of drugs	book	short
		nurses	<ul> <li>Effect of drugs on</li> </ul>	Drug	answers
		responsibilit	pregnancy, labour &	presenta	

		ies in the	puerperium	tion	
		administrati	<ul> <li>Nursing responsibilities in</li> </ul>	_	
		on of drugs	the administration of drug in		
		used for	Obstetrics ::oxytocics, anti		
		mothers	hypertensives, diuretics,		
		mothers	corticosteroids, tocolytic		
			agents, anti convulsants,		
		6 <sup>Q. –</sup>	anticoagulants.	0	
	-3.	~	Analgesics and Anaesthetics	C.,	
			in Obstetrics	- ^	
	-2		Effects of maternal	2	
	0		medication on foetus and		n
			neonate		
			•Role of obstetric nurse		5. P
		-Appreciate	Family, Welfare programme	Lecture	
	Ľ.	the	<ul> <li>Population trends and</li> </ul>	discussio	Essay
	¥.	importance	problems in India	n	Loody
	4.0	of family	• Concepts, aims, importance	Demonst	Short
	-5-	w <mark>elfare</mark>	and history of family welfare	ration	answers,
		programme	programme	Practice	answers,
			<ul> <li>National population:</li> </ul>	session	Very
		-Describe	dynamics, policy and	Supervis	short
XIII	4	the	education	ed	answers
	1	methods of	<ul> <li>National family welfare</li> </ul>	practice	answers
		contracepti	programme:	Group	Project
		on and role	<ul> <li>National maternal and child</li> </ul>	project	and field
		of nurse in	health services, CSSM, RCH,	Counseli	
		family	ICDS, BFHI, NRHM, Integrated	ng	visits
		welfare	Management of Child hood	session	reports
		programme	Illnesses[IMCI], Expanded	Field	
l			programe of immunization,	visits	



		Explain the	Maintenance of vital statistics		
		epidemiolog	<ul> <li>Maternal morbidity,</li> </ul>		
		y of	mortality and fertility rates		
		Obstetrics	<ul> <li>Perinatal, morbidity and</li> </ul>		
			mortality rates		
			<ul> <li>Neonatal mortality</li> </ul>		Short
		2.1	Causes and preventive	• Lectur	answers
	2	Q. 2 .	measures	е	
XIV	2	6	Safe motherhood initiative	discus	Very
	1		Obstetric health care-	sion	short
	2		• Essential obstetrics care,	- 5	answers
	5		• Early detection of		
			complication, Emergency		P
-	(		obstetrics care[EMOC]		0
			<ul> <li>Making pregnancy safe</li> </ul>		
	( )		strategy		

### References

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### **OBSTETRIC NURSING- PRACTICAL**

#### **Placement: IV Year**

### Time:- 480 Hours [12 Weeks]

Areas	Duratio n in weeks	Objective	Skills	Assignments	Assessment method
Antena tal Ward, OPD, AN Clinic	4	Assessme nt of pregnant women	-Antenatal history taking -Physical examination -Recording of weight & B.P -Haemoglobin & Urine testing for sugar and examination abdomen and breast immunization -Assessment of risk status -Teaching antenatal mothers -Maintenance of antenatal records	- Conduct Antenatal Examinations - 30 - Case book recordings- 20 - Care study - 1 -Case presentation - Health talk- 1 drug file	-Verification of findings of antenatal examinations -Completion of case book record -Evaluation of health talk -Evaluation of care study -Clinical performanc e evaluation

	-Assess	-Assessment Woman	-Conduct	-Assessment
	woman	in labour	normal	of clinical
	in labour	-Prepare the women	deliveries- 20	performanc
	-Prepare	for labour	-Per vaginal	e
	the	-Monitoring and	examinations -	-Assessment
	woman	caring of woman in	5	of each skill
	for	labour	-Perform and	with check
	labour	-Maintenance of	suture the	lists
	-Conduct	partogram	episiotomies-5	-Completion
	normal	-Conduct normal	-Perform/	of case book
2	deliveries	delivery	Resuscitate	recordings
- 25	-Perform	-Newborn assessment	newborns-5	
	episioto	and immediate care	-Assist with	-Instrument
Labour	my and	-Resuscitation of	Caesarean	used in
room	suture it	newborns	sections-2	Obstetric
& 3	-Assist	-Assist with abnormal	-Witness/ Assist	practice-
C1	with	vaginal delivery	abnormal	Viva voce
ОТ	normal	-Assessment of risk	deliveries-5	-OSCE
1.6	delivery	status of newborn		2
	-	-Episiotomy and	-Assist with	
	Resuscita	suturing	other surgical	
	te	-Maintenance of	procedures	
	newborn	labour and birth	- case book	
1	S	records	recordings	
	-Assist	-Arrange for and assist		lenne (
	with	with Caesarean		
	caesarea	section and care for		
	n	woman & baby during	drug file	
	sections	Caesarean		
	-Assist	-Arrange for and assist		
	with	with other surgical		

		other	procedures		
		surgical			
		procedur			
		es			
		-Provide	-Examination and	-Give care to	-Assessment
		nursing	assessment of normal	post natal	of clinical
		care to	and high risk mother	mother and	performanc
		post	and baby	baby:	е
	%	natal	-Identification of	-Post natal	-Assessment
	1	mother	deviations	assessment -20	of each skill
	2	and baby	- Care of postnatal	-Health talk-1	with
	<u> </u>	-Counsel	normal and high risk	-Care study: - 1	checklists
Dect		and	mother and baby	-Case	-Completion
Post	3	teach	-Teaching post natal	presentation	of case book
natal	3	mother	mother craft	-Case book	recording
ward		and	-Post natal care &	recordings	-Evaluation
		family for	exercises ,		of care study
		parent	Immunization	- drug file	and
	1	hood			presentation
					and health
					education
		मर्थ	भवन्त सांग	राज-	sessions
		- 1 C - 1	and die	040.01.1	
	5		~		
			~		

			-Admission of	- Assessment of	-Assessment
			neonates	high risk	
			-Feeding of at risk	_	performanc
			neonates	- Care plan:	e
			-Witness/ assist with	high risk	-Evaluation
		Provide	assessment and care	neonate- 1	of
			of high risk newborn	neonate- 1	observation
		nursing care to	-Thermal	drug filo	
	6			drug file	report
	-1	newborn	management of	· · · · · · · · · · · · · · · · · · ·	
		at risk	neonates kangaroo	· · · ·	
	2		mother care, care of		5-
	>		baby in incubator		10
			-Monitoring and care		×
Newbo			of neonates		0.2
rn			-Administering		111
nurser	1		medication	1	
y U			-Intravenous therapy		
У	4		-Assisting with	1	0
	4		diagnostic procedure		77
			-Assisting with		
			exchange transfusion		
		and -	-Care of baby on	REAL PROPERTY	
			ventilator,		
	5		Phototherapy		
			Infection control		
			protocols in the		
			nursery		
			-Teaching and		
			counseling of parents		
			-Maintenance of		
			neonatal records		

		Counsel	-Counseling Technique	-assist with IUD	Evaluation
		for and	-Assist with insertion	insertion -5	of
Family		provide	of IUCD	-Observation	observation
Welfar		family	-Teaching on use of	report -	report
е		welfare	family planning	Counseling-2	
Clinic/	1	services	methods	-Assist with	
post	T		-Arrange for and assist	PPS/Laparoscop	
natal		a. 2. 1	with family planning	y-5	
clinic	%		operations	-Recording and	
	1		-Maintenance of	reporting	
	2		records and reports		5-
	Proje <mark>ct</mark>		Evalua	ition of project	

Essential Requirements for registration as Midwife	
Antenatal care	20
Antenatal examination	30
Conducting normal deliveries in hospital/ home/ health center	20
Vaginal examination	5
Episiotomy and suturing	5
Neonatal resuscitation	5
Assist with Caesarean Section	2
Witness/ Assist abnormal deliveries	5
Post natal cases nursed in hospital/home/ health center	20
Insertion of IUD	5

Note: All case books must be certified by teacher on completion of essential requirements

# Assignments:

Care study	:	2. (Antenatal -1, Post Natal -1)
Case Presentation	:	1 (Antenatal / post natal – 1)
Nursing Care Plan	:	3 (antenatal -1, postnatal -1, newborn – 1(highrisk))
Health talk	:	2
Drug file		Project

#### **Obstetric and Gynaecological Nursing Record:**

Antenatal -20, Intranatal -20, Post natal -20 Care study abstract-3 (Antenatal -1, Post natal -1, Gynaec -1) Gynec surgeries assisted / witnessed -5

#### **GYNAECOLOGICAL NURSING**

Placement: IV Year

Theory: 30 Hours

(Nursing faculty: 20 hrs; External faculty: 10 hrs)

#### **Practical: 160 Hours**

#### **Course description:**

This course is designed to help the students acquire knowledge, develop attitude and beginning skills in the management of women with gynecological problems and render pre and post operation care to clients undergoing major and minor surgeries

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activity	Assess ment Method
I	(Hrs)	-Explain the concepts and principles of gynecological nursing -Appreciate the trends and issues in gynecologic nursing -Review the anatomy physiology of the female reproductive system -Identify the congenital abnormalities of	Content Introduction to Gynecological Nursing • -Concepts and principles of Gynecological Nursing • -Trends and issues • -Review of anatomy and physiology of the female reproductive system • -Congenital abnormalities of	Activity -Lecture Discussion -Seminar -Explain using charts, models, films, slides -Case discussion -Health	Method Short answers Very short answers
		female reproductive system	female reproductive system	education -	

		-Explain sexuality and	<ul> <li>-Sexuality and</li> </ul>	Supervised	
		reproductive health	Reproductive Health	clinical	
			Reproductive fleatth		
				practice	
			Gynecological		
	6 NF-4 EF-2	-Describe the gynecological assessment & the diagnostic measures -Describe the pre & post operative management of women undergoing major and minor gynecological procedures	Assessment <ul> <li>History and Physical assessment</li> <li>Breast Self</li> <li>Examination,pelvic examination</li> <li>Diagnostic measures&amp; its implications</li> <li>General pre and post operative management of women under going major and minor surgical procedures</li> </ul>	Lecture discussion - Demonstra tion -Practice session Supervised clinical practice -Case discussion	Essay Short answers Very short answers
	- 20		Nursing management	Lecture	
					_
		Describe the etiology,	of patients with	discussion	Essay
		pathophysiology,	menstrual disorders	Explain	
		clinical manifestation,	<ul> <li>-Dysmenorrhea</li> </ul>	using slides	Short
			-Amenorrhea	Case	answers
	4	diagnostic measures,	-Premenstrual	discussion	
	NF-2	treatment modalities	syndrome		Very
	EF-2	and nursing	<ul> <li>-Abnormal Uterine</li> </ul>		short
		management of	Bleeding:	Supervised	answers
		patients with	Menorrhagia,	clinical	
		menstrual disorders	Metrorrhagia	practice	
			222		

			<ul> <li>-Menopause and</li> </ul>		
			Hormonal		
			replacement		
			Therapy		
		Describe the cause of	Infertility and		
		male/female	management	Lecture	Essay
		infertility,	• -causes	discussion	
		investigation,		Explain	Short
	3	treatment modalities	-investigations	using	answers
IV	NF-2	including Assisted	• -treatment	slides,	
10	EF-1	Reproductive	modalities	charts,	Very
	23	Technology & the role	Nursing	case	short
		of nurse in	management	discussion	answers
	< 3		and the second second		0
		management of infertility			
	÷.	intertinty	Inflormation, discoses		m
	10		Inflammatory diseases		2
			and Neoplasm of	- C	)
	×.,	Describe the etiology,	reproductive organs	Lecture	Fare
		patho <mark>physiology,</mark>	Pelvic inflammatory	discussion	Essay
		clinical manifestation,	Disease	Explain	
	_	diagnostic measures,	Ovarian and	using	Short
	5	treatment modalities	fallopian tube	slides,	answers
V	NF-2	and nursing	disorders, cysts,	charts,	
	EF-3	management of	tumors, Uterine and	case	Very
		patients with	cervical disorders	discussion	short
1		inflammatory diseases	<ul> <li>Endometriosis,</li> </ul>		answers
		and neoplasms of	adenomyosis,		
			polyps, fibroids,		
		and neoplasms of	•		

			Mechanical		
		Describe the etiology,	Disturbances and		
		pathophysiology,	injuries to female		<b>F</b>
		clinical manifestation,	genital tract	Lecture	Essay
		diagnostic measures,	• Retroversion,	discussion	Chart
	-	treatment modalities	uterine	Explain	Short
	3	and nursing	displacement	using	answers
VI	NF-2	management of	• Cystocele/	slides,	
	EF-1	patients with	Urethrocele/	charts,	Very
		mechan <mark>ical</mark>	Rectocele	case	short
	1.20	disturbance and	• Injuries and Trauma	discussion	answers
	5	injuries to female	to pelvic floor		
		genital tract	• f <mark>istulas</mark>	-	P
-	C		• Sexual violence		0
	1	Describe the sticles	Infections of the	<u>Lecture</u>	
	ć. –	Describe the etiology,	female genital tract	discussion	Chart
	cí.	pathophysiology,	Venereal and non	Explain	Short
	a)	clinical manifestation,	venereal infections	using	answers
VII	5	diagnostic measures,	and discharges	slides,	Marti
	NF-2	treatment modalities	<ul> <li>Vaginal and vulval</li> </ul>	charts,	Very
	EF-1	and nursing	disorders	case	short
		management of	• Toxic shock	discussion	answers
		patients with genital	syndrome	Health	
	1	tract infection	~	education	
		Describe indications,	• Drugs used in	Lecture	Short
		dosage, action, side	treatment of	discussion,	answers
		effects and nurses	gynecological	Drug book	Very
1/111	2				
VIII	2	responsibilities in the	disorders	Drug	short
VIII	2	responsibilities in the administration of	disorders	Drug Presentatio	short answers

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#### **GYNAECOLOGICAL NURSING - PRACTICAL**

Placement: IV Year B.Sc Nursing

Practical: 160 Hours [4 weeks]

मद भवन्त

Areas	Duration in weeks	Objectives	Skills	Assignments	Assess ment methods
Gynec	3	Assessment of	Assist with		Assess
ology		women with	Gynecological	Provide care	skills with
wards		gynecological	Examination	to assigned	check list
		disorders	Assist with	patients	
	(OPD) –		diagnostic and		Evaluation
	3 days	Provide pre,	therapeutic	Gynecological	of care
	6	intra and post	procedures	assessment-2	study
	1	operative care	Assist with minor	Care study-1	
-	2	to women with	and major		Evaluation
		gynecologic	surgical	Case	of drug
		disorders	procedures	presentation-	book
- <			Render pre and	1	-OSCE
ОТ	1 week		post operative	all and	
- 4		Counsel and	nursing care to	Drug file	Assessmen
CC-		educate	women		t of clinical
	5	patient and	undergoing		performan
	2	families	minor and major	/ /	ce
			surgical	6	
			procedures		Instrument
		int and	Provide	Gel -	s in
			incidental and		Gynecologi
	$\sum$		planned health education to		c practice-
			patients and family members.		Viva voce

# Assignments:

Gynaecologic assessment	- 2
Care study	- 1
Case Presentation	- 1

### **COMMUNITY HEALTH NURSING --II**

Placement: IV year

# Theory -100 Hrs

## Practical- 320 Hrs

#### **Course description:**

The course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concepts and principles of health and community health nursing.

			Application of Nursing		
			theories in Community		
			Health Nursing		
			_		
			Nursing process and     Application of Nursing		
			Application of Nursing		
			Process in Community		
		·	health Nursing Practice.		
		, ę	<ul> <li>Community Identification-</li> </ul>		
		. V	Purpose, Methods	77	
			<ul> <li>community survey</li> </ul>	1.2	
	- 10		FAMILY HEALTH SERVICES		
	0		• Family		
			-Definition -Types		
	<		-Functions		0
	4		Family development cycle		
	<		-Characteristics of	Lecture	111
	1		family.	discussion	2
		Exp <mark>lain the</mark>	Role of Family in health		Essays
	×.,	concept of	and illness	Writing	
		family health	<ul> <li>Objectives of family health</li> </ul>	Nursing	Short
П	10	care and	care	care plan	answer
		family health	<ul> <li>Family nursing process</li> </ul>		
		nursing	<ul> <li>Counseling in family</li> </ul>		OSCE/
		process	health care	Demon	OSPE
	_	12.0000	• Home visit	stration of	
			- purposes,	bag	
			- principles and steps	technique	
			<ul> <li>Public health bag</li> </ul>		
			-USES,		
			- principles,		
			- bag technique		

III 6	Describe health plans, policies various health committees and health problems in India	<ul> <li>Health Planning, policies and problems</li> <li>National health planning in India and Five Year Plans</li> <li>Various committees and commissions on health and family welfare</li> <li>National health policies</li> <li>National population policy</li> <li>Health problems in India</li> </ul>	Lecture discussion Panel discussion Seminar	Essay Short answers
IV 15	Describe the system of delivery of community health services in rural and urban areas -List the functions of various levels of health workers -Describe the alternative systems of health Describe the	Delivery of health care in India: • Public sector -Primary health care -Sub centre -Sub centre -PHC -Hospitals/ Health centres -CHC -Rural Hospitals -District Hospital -Specialist Hospitals -Teaching Hospitals -Teaching Hospitals - Other Agencies - Railway - Defense Services Health Insurance Scheme Health care delivery through private sector Indigenous Systems of medicine	Lecture discussion Visits to various health care delivery systems Supervised field practice Panel discussion	Essay Short answers Very short answers

		chain of	<ul> <li>Voluntary Health agencies</li> </ul>		
		referral system	National Health		
		-Explain the	Programmes		
		records and	<ul> <li>Indian Public Health</li> </ul>		
		reports	Standards		
		maintained in	- IPHS guidelines for		
		the health	Sub centre,		
		centres	Primary health centre and		
		S	Community health centre.	27	
		-	<ul> <li>Organisation, staffing and</li> </ul>	<u>`</u> >	
	-		delivery of urban health	5	
	5		services		
			• Job descriptions of		12
	C		community health		0
-	I.		personnel at various	1.000	
	£		levels.		
	-10		Referral system		
	12		Records, reports	1	
	1		Health Management		
			Information System	69	
			(HMIS)		
		मय	Community Health Services	-Lecture	
		Evolain the	Maternal and Child Health	discussion	Eccov
	1	Explain the	services		Essay
		various	• Family welfare services	Supervised	Short
v	12	services rendered to	<ul> <li>Adolescent health services</li> </ul>	field	
v	12		<ul> <li>School Health Services</li> </ul>	practice	answers
		the	<ul> <li>Community mental health</li> </ul>	Organize	Vory chort
		community	<ul> <li>Care of the aged</li> </ul>	camps	Very short
			<ul> <li>Occupational Health</li> </ul>	And Group	answers
			-	Project	
L	I	I	221		1

			Environmental health		
			Disaster management		
			Organizing clinics and		
			camps for providing		
			services to the community		
		Describe the	Assisting individuals and	-Lecture	
		activities of	groups to promote and	discussion	
		community	maintain health	C	
		health nurse in	A. Assessment of self and	~ <u>-</u>	
		assisting	family	Demonstrati	
	- 10	individuals and	<ul> <li>Empower family to</li> </ul>	on	
	3	groups to	monitor growth and		Essay
		promote and	develop <mark>ment</mark> of children,	-Supervised	
	τ.	maintain their	breast self examination	field	Short
	L K	health	and examination of	pr <mark>actic</mark> e	answers
			testicles, urine for sugar	-Individual /	
	-10		and albumin, Blood	group/	Very short
VI	0		pressure and blood sugar	family/	answers
VI	4		estimation etc	community	
			• - Health assessment of :	-Health	
			- Infant	education	
		101	- Toddler		
			- Preschool child		
			- School child		
	-		- Elderly		
			- Antenatal and		
			postnatal mothers		
			B. Sensitize and handle social		
			issues affecting health of		
			family		
			Women Empowerment		

			<ul> <li>Women and child abuse</li> </ul>		
			Abuse of elders		
			• Female Feticide	-Field trips	
			<ul> <li>Commercial sex workers</li> </ul>		
		Identify the	<ul> <li>Alcoholism and Substance</li> </ul>		
		resources	abuse		
		available in	C. Utilization of community		
		the <b>C</b>	resources for self and family		
		community	<ul> <li>Various Govt. Schemes for</li> </ul>	27	
	1	4	the aged, widows,	<u>`</u> ,	
	$-\partial_{t}^{2n}$		physically and mentally	- 5	
	5		challenged		
			• Old age homes,		
	C		Orphanage, Homes for		0
	4		physically and mentally	2.000	
	£		challenged individuals.		
	<u>1</u>		National health programmes		
	40		and the role of a nurse:	-Lecture	2
	- 6	-Describe the	National ARI control	discussion	
			programme		Facely
		National health	Revised National		Essay
		programmes	Tuberculosis Control	-Participate	Short
VII	20	and the role of	Programme (RNTCP)	in National	
VII	20	a nurse in	<ul> <li>National vector borne</li> </ul>	health	answers
		National	disease Control programme	programes	Very short
		health	<ul> <li>National Guinea worm</li> </ul>		answers
		programmes	eradication programme		011300613
		Programmes	National Leprosy	-Field visits	
			eradication programme		
			<ul> <li>National STD and AIDS</li> </ul>		
1	1		l	I	

	· · · · · · · · · · · · · · · · · · ·	1
	control programme	
	<ul> <li>National Programme for</li> </ul>	
	control of blindness	
	<ul> <li>Iodine deficiency disorder</li> </ul>	
	programme	
	<ul> <li>Universal immunization</li> </ul>	
	programme	
	RCH and National Family	
	Welfare Programme	2,
1	<ul> <li>National water supply and</li> </ul>	` .×
2	sanitation programme	- 5
3	Minimum Needs	
	programme	0.1
- 10	• 20 point programme	0
	Polio Eradication: Pulse	
- K	Polio Programme	
<u>لا</u>	<ul> <li>National programme for</li> </ul>	
44	prevention and control of	12
	cancer, diabetes, cardio	1
	vascular disease, stroke	*2
	<ul> <li>Community Nutrition</li> </ul>	
मय	Programme	f :
	ICDS programme	
1	<ul> <li>National Mental health</li> </ul>	
	programme	
	• NHM / NRHM and NUHM	
	<ul> <li>Integrated Management of</li> </ul>	
	Neonatal and Childhood	
	Illness (IMNCI)	
	National Health Policy	
	1	I

		Health Agencies		
		International :-		
		• WHO		
		• UNDP		
		World Bank		
		• FAO		
		UNICEF		
	0.7	DANIDA		
	1.61	Rockefeller -	- P	
	1	Foundation	1.2	
-	2	Red Cross		
	Explain the	• USAID	Lecture	_
	role and	UNESCO	discussion	Essay
100	functions of	• ILO		Chart
VIII	various 5	• CARE .	Fi <mark>eld vi</mark> sits	Short answers
	national and	• National :-		answers
C)_	international	Indian Red Cross		Very short
10	hea <mark>lth</mark>	Society		answers
	agencies	Indian Council for		anowers
		Child Welfare		
		Family Planning		
	1151	Association of India	i:	
		Tuberculosis		
	4	Association of India		
		Hindu Kusht Nivaran		
		Sangh		
		Central Social Welfare		
		Board,		
		Bharat Sevak Samaj -		
		All India Blind Relief		

			Society.		
IX	2	Explain the concepts of health economics	<ul> <li>Health Economics</li> <li>Demand, supply &amp; cost of health care, cost containment</li> <li>Family budgeting in health and illness</li> </ul>	Lecture discussion	Short answers Very short answers
X	· · · · · · · · · · · · · · · · · · ·	Identify the principles and techniques of supervision	<ul> <li>Supervision</li> <li>Definition, principles, goals, methods and steps of supervision</li> <li>Essential qualities and responsibilities</li> <li>Supervisory functions of</li> <li>Community Health Nurse in primary health care units</li> <li>Training and supervision of community health</li> <li>workers</li> <li>Maintaining Staff morale</li> <li>Supervision of students</li> </ul>	Lecture Discussion Supervised field practice	Essay Short answers
XI	5	Describe the public health administration at centre, state and local level	<ul> <li>Public Health Administration</li> <li>Organization and administration of Health Services at Centre, State, district and local level</li> <li>Panchayati Raj</li> <li>Public Health Laws</li> </ul>	Lecture Discussion	Essay Short answers

			Research in Community		Short
			health nursing	Lecture	answers
		Recognize the	<ul> <li>Need and significance,</li> </ul>	Discussion	
		importance of	Researchable problems in		Group
VII	2	research in	community health	Group work	work
XII	2	community	Role of Community		presentati
		health nursing	Health nurse in research		on
		. 4.2	activities	- 	

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  Publishers, New Delhi.
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- National & International Journals on Community Medicine.

# COMMUNITY HEALTH NURSING-II

# Placement-IV year BSc Nursing

# Practical-320 hrs (8 weeks)

Areas	Duration (in weeks)	Objectives	Skills	Assign ments	Assess ment Methods
		-Identify	-Conducting	Communit	-Assess
		community	community health	y survey	clinical
		profile	survey	report –I	performa
	- 29	-Identify	-Formulate	Communit	nce with
	-2	prevalent	community diagnosis	y Health	rating
	× 1	communicable	-Provide need based	Project-1	scale
-		and non	family care	Health	
		communicable	-Home care based on	exhibition-	Pi
Commu		diseas <mark>es in the</mark>	sc <mark>ientific</mark> principles	1	Evaluatio
nity	6-wks –	community	using Bag techniques	Family care	n of
under	rural	-Diagnose	-Organize and	Plan-4	communi
-Rural		health needs	conduct health	Family care	ty survey
РНС		of individual,	exhibitions/camps in	study-1	report,
ني . ان		families and	the health centre and	Health talk-	family
	2wks -	community	community	2	care
-Urban	urban	-Plan and	-Screen antenatal	Report of	study,
Health		provide need	mothers and provide	health	
Centre	1	based services	need based services.	assessment	Communi
		to individuals	Conduct postnatal	of various	ty
_		and families.	visits, assess mother	age groups	project,
		-Organize	and baby and render		Clinic
		health camps	services		reports
		for the needy	-Motivate for family	Report of	and
		people	planning services	Field visits	
			-Participate in the	to	
			source reduction and	-Factory	

		other activities	Dist.TB	health
	-Participate in	related to the control	center	talk
	National	of communicable	-Old age	
	health	diseases.	home	-
	programmes	-Empower people to	-Panchayat	Completi
		identify the	Raj	on of
	. 1TY	deviations from	institution	practical
0	, c,	normal health and to		record
. 6	-Educate	seek medical aid.	Field trip to	
2	individual and	- Assess clients with	-Institute	
-	family to lead	physical and mental	for rural	
	a healthy life.	disabilities, provide	health,	
		services	-AIDS	
~		-Screen and render	control	0
	-Participate in	services to school	unit .	
< /	school health	children and make	-agency /	
CÉ-	programmes	referral as needed	Institute	~
12	-Collect Vital	-Assist health	for	0
4	health	workers in preparing	physically	
	statistics	reports and attend	challenged	
	-Maintain	monthly conferences		
3	Records &	in the PHC		
	reports			
	Participate in	×		
	the			
	supervision of			
	health			
	workers			

### NURSING EDUCATION

#### Placement: IV Year

#### Theory – 80 hours

Practical-120 hours

#### (Practice Teaching-3 hrs/ student)

#### **Course Description:**

This course is designed to help the students to develop an understanding of the principles and methods of teaching and to equip the students with the beginning skills in teaching in clinical, community health and educational settings

Unit	Time (hrs)	Learning Objective	Content	Teaching Learning Activities	Assess ment methods
	2	List the aims	Principles of education	3	-
	5	of education	<ul> <li>-Meaning of education:</li> </ul>		Essay
		Explain	• Definitions, aims,		Q1
		principles of	functions& principles.		Short
-		education	<ul> <li>-Philosophies of</li> </ul>		answers
		Recognize	Education&		Very short
0	434	the	Application of		answers
		e <mark>ducational</mark>	educational philosophies	Lecture	0
		philosophies in nursing		Lecture	Written
		in <mark>nursing</mark>	Education: Idealism,	Discussion	assignmen
1	12	education	Naturalism, Pragmatism,	Discussion	ts
		Describe the	Eclectism.	a - 15	
		characteristic	• Review – history of		
	1	s of learning	developments of		
		Explain the	nursing education in the		
		maxims of	state, national and		
		teaching	international level		
		Explain the	<ul> <li>-Current trends in</li> </ul>		
		laws of	Nursing Education		
		learning	<ul> <li>Teaching Learning</li> </ul>		
		Explain the			

		Methods of	Process		
		Teaching	<ul> <li>-Teaching learning</li> </ul>		
		0	process		
			<ul> <li>-Characteristics of</li> </ul>		
			learning		
			<ul> <li>-Factors influencing</li> </ul>		
		_			
		. 51	learning	é-	
		2 <sup>9</sup>	-Laws of learning	S	
	3	×	<ul> <li>-Principles of teaching</li> </ul>	. C.	
	1.5		<ul> <li>-Maxims of teaching</li> </ul>		
	1		<ul> <li>Role of a teacher</li> </ul>	2	-
	0		<ul> <li>-Qualities of teacher</li> </ul>		10
		Explain the	Curriculum		
		principles of	-Definition		
		curriculum	<ul> <li>-Concepts Principles of</li> </ul>		171
		planning	curriculum Planning		
- 0	<u>(</u>		<ul> <li>-Steps in curriculum</li> </ul>		-
	40	E <mark>xplain the</mark>	development	Lecture	Essay
	-	classification	• -Formulation of	Lecture	2
		of	educational objectives -	Discussion	Short
п	15	educational	Taxonomical	Discussion	answers
	15	objectives	classification of	Exercise on	
			objectives	writing	Very short
	1	List the	<ul> <li>-Course Planning</li> </ul>		answers
		qualities of	<ul> <li>-Unit Plan –Types</li> </ul>	objectives	
		educational	<ul> <li>-Lesson Plan</li> </ul>		
		objective			
		Prepare unit			
		plan, lesson			
		plan			
		plan			

-Problem based learning     -Microteaching     -Self instructional module     -Simulation     Conduct 5	Essay Short
all settings       - Discussion         using various       - Seminar,         methods and       Symposium         medias       - Panel discussion         - Programmed Instruction       - Problem based learning         - Problem based learning       - Microteaching         - Self instructional module       Discussion         - Simulation       - Simulation	-
using various using various methods and medias -Panel discussion -Programmed Instruction -Problem based learning -Microteaching -Self instructional module -Simulation Conduct 5	-
methods and medias       • Symposium         • -Panel discussion       • -Programmed Instruction         • -Programmed Instruction       • -Problem based learning         • -Problem based learning       • Discussion         • -Self instructional module       • Conduct 5	-
medias  -Panel discussion  -Programmed Instruction  -Problem based learning  -Microteaching  -Self instructional module  -Simulation  Conduct 5	-
-Programmed Instruction     -Problem based learning     -Microteaching     -Self instructional module     -Simulation     Conduct 5	-
-Problem based learning     -Microteaching     -Self instructional module     -Simulation     Conduct 5	·
-Problem based learning     -Microteaching     -Self instructional module     -Simulation     Conduct 5	·
-Self instructional module     Discussion     ar     -Simulation     Conduct 5	Short
-Self instructional module     ar     -Simulation     Conduct 5	Short
Simulation     Conduct 5	
	nswers
<ul> <li>-Computer assisted</li> </ul>	
learning	ry short
-Role Play	nswers
• - Field trip	
-Workshop	
-Project method	valuate
• -Clinical teaching	eaching
methods :	essions
<ul> <li>case method,</li> </ul>	
<ul> <li>nursing rounds &amp;reports,</li> </ul>	
bedside clinics,	
conference (individual	
and group),	
process recording	
Prepare and Educational Media Lecture	
	Essay
IV 12 types of A.V.Aids, Discussion	
educational • Edgardales cone of	

		media	experience principles	Demonstrati	answers
		effectively	and sources	on	
		chectively	<ul> <li>-Graphic aids : chalk</li> </ul>	011	Very short
			board, chart, graph,	Prepare	answers
				different	answers
			poster, flash cards,		
			flannel graph, bulletin	teaching	A
		. 61	board, cartoon	aids	Assess the
		, e	<ul> <li>-Three dimensional aids:</li> </ul>	projected	teaching
		~	Objects, specimens,	and non	aids
	1		models, puppets	projected	prepared
	2		<ul> <li>-Printed aids : pamphlets</li> </ul>		-
	0		& leaflets		
			<ul> <li>-Projected aids:</li> </ul>		
			slides, overhead		0
			projector, films TV, VCD,		1223
			microscope, projectors-		
	6		LCD projector, DLP		
	al.		Projector, etc		0
	1		<ul> <li>-Audio aids: tape</li> </ul>	· . ^	2
			recorder, public address	69	
			system		
		3373	<ul> <li>-Computers</li> </ul>	a -	
		Construct	Evaluation & Assessment	Lecture	
	1	different	<ul> <li>-Purpose &amp; scope of</li> </ul>		Essay
		types of	evaluation & assessment	Discussion	
		questions for	<ul> <li>-Criteria for selection of</li> </ul>		Short
v	12	assessment	assessment techniques	Demonstrati	answers
		of	and methods	on	
		knowledge	<ul> <li>-Qualities of an</li> </ul>		Very short
		skills and	evaluation tool,	Exercise on	answers
		attitudes		writing	

	1				
			<ul> <li>-Principles of evaluation</li> </ul>	different	Assess the
			and test construction.	types of	strategies
			<ul> <li>-Assessment of</li> </ul>	assessment	used in
			knowledge: Essay type	tools	practice
			questions, Short answer		teaching
			question (SAQ) Multiple		sessions
			choice questions (MCQ)		and
		Q. 7	<ul> <li>-Assessment of skills:</li> </ul>	é .	exercise
		\$C.	observation checklist,	-9,	sessions
	1		practical exam, Viva,	1.2	
	*		Objective structured		
			clinical examination		
			(OSCE)		0
			<ul> <li>-Assessment of Attitudes</li> </ul>		0
_			Attitude Scales		
			• -Evaluation of the		rm.
0	6		course		
	1	D <mark>evelop</mark>	Guidance & counselling		Essay
	4	ba <mark>sic skill of</mark>	Guidance:	r _?	7
		counselling	Definition	Lecture	Short
		and guidance	• - Purpose,	<b>D</b>	answers
		मार्थ	<ul> <li>scope and need</li> </ul>	Discussion	
			-Basic principles	Dolo play in	Very short
VI	7		Counselling:	Role play in	answers
			<ul> <li>Organization of</li> </ul>	counseling	
			counselling services	in different	Assess
			<ul> <li>-Types of counselling</li> </ul>	situations	performa
			approaches	followed by	nce in role
			<ul> <li>-Role and preparation of</li> </ul>	discussion	play
			counsellor		situations
<u> </u>					

			<ul> <li>-Issues for counselling in</li> </ul>		
			nursing : students and		
			practitioners		
		-Describe	Discipline		
		principles &	• definition,		
		types of	<ul> <li>aims of discipline in</li> </ul>		Short
		discipline	education,		answers
VII	7	-Identify	<ul> <li>principles &amp; types,</li> </ul>	Lecture Discussion	
		teachers role	• preventive discipline, ,		Objective
	1.1	in preventive	<ul> <li>disciplinary procedure,</li> </ul>	1	type
	2	discipline	• teachers role in		
	5		disciplinary problem		10

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   J.P Brothers NewDelhi
- Dr. A. Kurian George, Principles of curriculum development & evaluation
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# NURSING EDUCATION-

## PRACTICAL-120 hrs

Per Student       Develop       Use different       AV aids       Evaluatio         Per Student       Beginning       instructional       Preparation       n       of         Class room       1hour       skill       in       methods       and       n       of         teaching       each       classroom       media       master       teaching         (2 sessions)       teaching       Practice       rotation       sessions         Procedure       teaching       Practice       rotation       sessions         on       1hour       Follows maxims       teaching       Image: Sessions         (1 session)       1hour       Image: Session       practice       teaching       practice         (1 session)       1hour       Image: Session       practice       practice       practice         Image: Session       Image: Session       Image: Session       practice       practice       practice         Image: Session       Image: Session       Image: Session       practice       practice       practice         Image: Session       Image: Session       Image: Session       practice       practice       practice         Image: Session       Image: Session       Ima	Areas	Duration	Objectives	Skills	Assign ments	Assess ment methods
teaching	Class room teaching (2 sessions) Procedure demonstrati On	each	Beginning skill in classroom	instructional methods and media Practice different teaching skills	AV aids Preparatio n of master rotation plans Micro teaching Peer teaching Practice	Evaluatio n of practice teaching sessions

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### MANAGEMENT OF NURSING SERVICE AND EDUCATION

Placement – IV Year

Theory – 70 Hours Practical –120 Hours

#### **Course Description:**

This course is designed to provide the students a basic knowledge about the principles and functions of management and its application to the nursing service and education. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

Unit .	Time (hrs)	Learning objectiv es	Content	Tea chi ng lear nin g acti vity	Asses s ment meth ods
		Explain	Introduction to Management in nursing	177	
		the	<ul> <li>-Definitions, concepts Theories of</li> </ul>	-	Feenv
- 0	£-	pr <mark>inciple</mark>	management, Administration Vs		Essay
	de.	s and	Management	1.1	Chaut
	4	function	-Functions of management	Lect	Short
		s of	-Principles of management	ure	answ
I	4	Manage	<ul> <li>-Role of nurse as a manager</li> </ul>	Disc	ers
		ment		ussi	Very
		ment	ય સંયત્ સ્ટિલ્લ	on	short
					answ
	-				ers

			Management Process		
			• Planning-		
			Meaning, nature, principles, process, types-		
			• Organizing		
			definition, principles, organizational structure,		
			Organization chart		
			Delegation		
		Describe	Participatory management		
		the	<ul> <li>Human resource management- staffing</li> </ul>		
			Manpower planning, -importance, Philosophy,		
		elements	objectives,		
		and	Recruitment, selection, appointment		
			Training and development, promotion		
		process of	Job analysis, job description, job specification	e	
		manage	<ul> <li>Directing Definition, importance, Principles</li> </ul>	100	
		ment	Leadership		
		ment	-definition, styles, functions,	0.5	Essay
	- 10		qualities of a Leader, Assertiveness	. 0	Short
			Motivation	Lect	answe
			- concepts, theories ,role of a manager, morale	ure	rs
Ш	20	Describe	Communication: -techniques- channels. IPR	Disc	very
		the	Supervision	ussi	short
	- 0	concepts,	Organizational behaviour and human relations	on	
			Concept, Principles and theories	$\odot$	answe
		theories	Group dynamics	24	rs
		techniques	Human relations		
		-	<ul> <li>Public relations in context of nursing</li> </ul>		
		of organi	Relations with professional association and		
		zational	employee unions, collective bargaining, work		
		behaviour	culture		
			Controlling-		
		and human	Quality management ,Quality assurance ,TQM,		
		relation	Programme Evaluation and Review Technique     (DEDT) Dense Marking Activity Plan Contt		
			(PERT), Bench Marking, Activity Plan, Gantt Chart		
			<ul> <li>-Budgeting -concept -principles, types, cost</li> </ul>		
			benefit analysis, audit.		
			<ul> <li>Material management -equipment and supplies</li> </ul>		
			Documentation- Importance, types of record		
			and report		

		Management of nursing service		
		department		
		<ul> <li>-Philosophy and objectives.</li> </ul>	Lecture	Essay
	Describe	<ul> <li>Organization of the hospital,</li> </ul>	Discussion	-
	the	nursing service department,	Demonst	Short
	Manageme	• The Nursing Service Unit.	ration	answer
	nt of	-Planning- Physical facilities, floor	Stimulated	S
	nursing	space	exercise	
	service in	-Factors affecting ward	Supervise	Very
20	the	management	d	short
5	hospital	<ul> <li>-Time planning -weekly/daily</li> </ul>	Practice	answe
		plan	in ward –	rs
	-Describe	<ul> <li>-Patient Classification System</li> </ul>	writing	0
	the	-Assignment of patients	indents,	Assess
	function of	• -Role of Head Nurse in training	Preparing	ment
111 18	pe <mark>rsonnel</mark>	of students, ward teaching,	duty	of
	m <mark>anageme</mark>	Anecdotal records,	roaster,	proble
-4	nt	• nursing rounds, nursing care	ward	ms
		conference	supervisi	solving
	-Describe	<ul> <li>-Setting standards for nursing</li> </ul>	on	exercis
	the role of	care	Assignme	es,
	the	-nursing protocol	nt on	Assess
	administrat	-Procedure manual	duties	ment
	or in	<ul> <li>-Duties &amp; responsibilities and job</li> </ul>	and	of the
	budget	description of various categories	responsib	assign
	preparatio	of staff	ilities of	ments
	n	<ul> <li>- Maintenance of supplies and</li> </ul>	ward	Perfor
		equipment in nursing service	sister	mance
		units	Writing	evalua
		<ul> <li>-Evaluation of patient care</li> </ul>	report	tion

			Nursing audit,		
			<ul> <li>Leadership in management of</li> </ul>		
			nursing service		
			<ul> <li>Performance appraisal of all</li> </ul>		
			categories of nursing staff,		
			<ul> <li>Records and reports in nursing</li> </ul>		
			service department		
		- Q. 7	Planning budget for nursing		
		S	service	·	
	1	Participate	In Service education	1	Essay
	5	in <mark>planning</mark>	Nature & scope of in-service	5	
		and	education program, types	Lecture	Short
		organizing	<ul> <li>Organization of in-service</li> </ul>		answe
IV		in service	education	Discussio	rs
		education	<ul> <li>Principles of adult learning.</li> </ul>	n	
		prog <mark>ram</mark>	Planning for in-service education	- ·	Very
- 0	د مر		program, techniques, methods &	<b>7</b>	short
			evaluation of staff education		answe
	4		program	100	rs
	5	Describe	Nursing as a Profession		
		the ethical	<ul> <li>-Characteristics of a professional</li> </ul>		Essay
		and legal	nurse		
		responsibili	Regulatory bodies,	Lecture Discussio n	Short
		ties of	• I.N.C, S.N.C ,constitution,		Answe
v		Explain the	functions		rs
		nursing	<ul> <li>Current trends and issues in</li> </ul>		
		practice	Nursing		very
		standards	<ul> <li>Professional ethics</li> </ul>		short
		profession	• Code of ethics : INC, ICN		answe
		al nurse	<ul> <li>-Consumer protection act</li> </ul>		r
			250		

☆

					1
			<ul> <li>Legal terms related to nursing</li> </ul>		
			practice, registration & licensing		
			procedures		
			<ul> <li>Ethical and legal responsibilities</li> </ul>		
			of a professional nurse,		
			malpractice ,negligence, practice		
			standards for nursing		
		Explain the	Management of Nursing		
		role of the	Educational Institutions		
		administrat	<ul> <li>Essentials of educational</li> </ul>	1 . A.	
	20	or in	institutions as per I.N. C. norms	5	
	5	selection	for School of Nursing & College		
		and	of Nursing :		n
		appointme	Organizational pattern of		0
_		nt of staff	Educational institutions		Essay
		and	<ul> <li>Organization chart</li> </ul>	<u> </u>	
		students	Management of faculty	<b>7</b>	Short
		-Li <mark>st the</mark>	<ul> <li>-Selection and recruitment</li> </ul>	Lecture	answe
N/I	4.5	essentials	-Orientation programme	Discussio	rs
VI	15	of an		n	
		educationa	<ul> <li>-Job description</li> </ul>		Very
		l institution	Job specification		short
			-Staff development		answe
	1	-Describe	<ul> <li>-Staff welfare - leave, salary,</li> </ul>	<u> </u>	rs
		the role of	<ul> <li>promotion, placement, guidance</li> </ul>		
		the	and supervision		
		Administra	-Performance appraisal		
		tor in			
		faculty	<ul> <li>Institutional reports and records</li> <li>Administration of students</li> </ul>		
		developme			
		nt	<ul> <li>-Selection and admission,</li> </ul>		
				I	

	Dolo of	a Orientation
	-Role of	-Orientation,
	the	<ul> <li>-Students Health Programme</li> </ul>
	administrat	<ul> <li>-Students Welfare : Guidance</li> </ul>
	or in the	and counseling, Co-curricular
	administrat	and professional activities
	ion	<ul> <li>Hostel facilities – INC norms</li> </ul>
	curriculum	<ul> <li>-Transportation facilities</li> </ul>
	, ę. <sup>2</sup>	3
	× _	-Records and Reports
	-Describe	-Transcript/C.V
	the <mark>role to</mark>	-Cumulative Record
- 25	the	-Admission Register
	administrat	
	or in	Administration of curriculum
	Finance	<ul> <li>planning and implementing</li> </ul>
	Manageme	curriculum
- C	nt	-Master rotation, Clinical
40		rotation
-6-	-Ex <mark>plain</mark>	• -Teaching system
	the role of	-Clinical facilities
	the	-Affiliation
	administrat	-Evaluation
	or in	Student evaluation
1	maintainin	Teacher evaluation
	g publicity	Course evaluation
	of the	<ul> <li>-Periodical revision of the</li> </ul>
	institution	curriculum
		-Accreditation Guidelines
		Administration of the Finance
		<ul> <li>-Plan, prepare and send the</li> </ul>

Δ 1 Δ			<ul> <li>budget proposals.( procurement of equipment &amp; supplies, library books/</li> <li>journals, A.V aids.</li> <li>Salary emolument of the employees, Stipend to the students .</li> <li>-Utilization of budget:</li> <li>Publicity of the Institution</li> <li>Public relations, P.T.A., Camps, Advertisements,</li> <li>Conferences, Campus Selections, Publishing results and annual reports,</li> <li>Publication, Brochure, magazine</li> </ul>	Lecture	
VII	3	Explain the various opportuniti es for profession al advanceme nt	<ul> <li>-Continuing education</li> <li>-Career Opportunities</li> <li>-Membership with professional organization</li> <li>-National and International</li> <li>participation in research activities</li> <li>-Publications-Journals, newspapers etc.</li> </ul>	Discussio n Review or Presentat ion of published articles Group work on maintena nce of bulletin board	Struct ured essay Short answe rs Very short answe rs

#### **References:**

- Alexander etal, Nursing Service Administration, C.V. Mosby Company St. Louis ..
- Anna Hellen, Gallagher, Educational administration in Nursing, The Macmillan Company, New York.
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- Barret M.J. Gressner, The Head Nurse- Her leadership Role, Himalayan Books, New Delhi.
- Chatterjee S.S An introduction to management- its principles and techniques, World Press, Calcutta .
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   publishers. Jalandhar.
- Thomas Kochuthresiamma, Nursing Management and Administration, V Publishers,Kottayam
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- Verghese C. The Nurse Administrator. New Delhi: New Age International (P) Ltd Publishers;2015.

मय भवन्त सम्प्रिन

• National & International Journals on Nursing Administration.

# MANAGEMENT OF NURSING SERVICE AND EDUCATION

#### Practical Hours-120 (3 Weeks)

Areas	Duration	Objectives	Skills	Assignments	Assess ment methods
		Perform	Preparation of	-Clinical	Evaluation
-General	3weeks	clinical	clinical rotation plan	rotation plan	of written
ward	SWEEKS	supervisio	for students	demonstration	assignment
		n of	-conducting bed	-1	-Clinical

		students	side clinic& nursing	Nursing	performan
			rounds	rounds-1	ce
		Describe	Supervision of	writing	evaluation
		the duties	students	incidental	
		and	-write incidental	report-1	
		responsibil	report	-Prepare	
		ities of	-Evaluate student	clinical	
	0	head	performance	performance	
	1.61	nurse/war	-Appraise the duties	evaluation	
	1	d sister	and responsibilities	format	
-			of head nurse	-Shift report	-
			-write indents,	- indents,	
			-Prepare duty	-duty roster	(P
			roaster	-duties and	0
			- conduct an	responsibilities	
			educational session	of head nurse	111
C-			for in service nursing	11	-5
64			personnel		0
	4	Appraise	prepare	Prepare	Evaluation
	Two days	the duties	organization chart of	-organization	of written
Nursing	morning	and	the hospital	chart of the	assignment
superint	duty and	responsibil	describe the duties	hospital	
endent's	one night	ities of	and responsibilities	-Day and night	
office	duty	nursing	responsibilities of	report	
		superinten	nursing		
		dent			
Observat		Appraise	Analyze role of	Report of	Evaluation
ion visit		role of	nurse manager in	observation	of written
to	One day	nurse	hospital	visit	assignment
hospital		manager			
		in hospital			

Observat		Describe	Appraise	role	of	Report	of	Eva	luation
ion visit		role of	principal		in	observation		of	written
to		principal	managem	ent	of	visit		assi	gnment
nursing	Que a dave	in nursing	nursing e	ducatio	nal				
educatio	One day	education	institution						
nal		al							
institutio		institution	Y O	$F_{-}$					
n	d.	51				8			
				1 11 1		reported in al	1 1		

The concept of Health Care Counselling shall be incorporated in all relevant areas Total number of hours

Duration of the course shall be four years. Internship integrated practice is incorporated with respective practical hours in each year.

	Duration of course	Weeks
	Weeks available per year	= 52 weeks
	Total Vacation	= <mark>6</mark> weeks
	a). Festival Holidays	= 2 weeks
	b). Public <mark>holidays</mark>	= 3 weeks
	c). Aft <mark>er University theory exam</mark>	= 1 week
	Examination(including preparation)	= 2+2 weeks
	Available <mark>weeks</mark>	= 42 weeks
	Hours per we <mark>ek</mark>	= 40 hours
	Hours available per academic year	= 1680 (42wks x 40hrs)
2.8	Branches if any with definition	uina-
	Not Applicable	e fi son en c
2.9	Teaching learning methods	
	As given under 2.6 - Syllabus.	
2.10	Content of each subject in each year	-
	As given under 2.6 - Syllabus.	
2.11.	No: of hours per subject	
	As given under 2.6 - Syllabus.	
2.12.	Practical training	
	As given under 2.6 - Syllabus.	

2.7

#### 2.13. Records

Proper records of practical work should be meticulously maintained.

#### 2.14. Dissertation

Not Applicable

- 2.15. Specialty training if any Not Applicable
- 2.16. Project work to be done if any Clinical Assignments & projects work as given under 2.6, Syllabus.
- 2.17. Any other requirements [CME, Paper Publishing etc.] Not applicable.
- **2.18.** Prescribed/recommended textbooks for each subject As given under 2.6 Syllabus.
- 2.19. Reference books

As given under 2.6 - Syllabus.

2.20. Journals

As given under 2.6 - Syllabus.

2.21. Logbook

A logbook should be maintained.

#### 3. EXAMINATIONS

#### 3.1. Eligibility to appear for exams

A candidate must score minimum 50% internal marks for theory and practical separately in each subject in order to appear for university examinations.

Each candidate should put in minimum 80% of attendance in theory and clinical practicum for appearing university examination. Condonation of 10% of the attendance once in the entire course period can be granted by the Head of the Institution and the same may be communicated to the university.

#### Condonation of attendance: -

The principal on recommendation by the HOD / Department in charge can condone the shortage of attendance of a candidate to a maximum of 10% for a subject /

subjects (theory / practical or both) with prescribed fee once in a course period under intimation to the Controller of Examinations. In such cases the Principal shall submit a declaration that the particular candidate has not enjoyed this facility previously in the particular course. There shall be a register for recording the condonation availed in the office of Principal.

#### 3.2. Schedule of Regular/Supplementary exams

Regular university examinations will be conducted at the end of each academic year and supplementary examinations will be conducted after regular examination once in a year. There shall be two University examinations in each academic year including regular and supplementary examinations for theory and practical.

#### 3.3. Scheme of examination showing maximum marks and minimum marks.

A. Duration of university examination
---------------------------------------

4 9	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part - I Paper I	Anatomy	3	· ·	-
Part -I Paper II	Physiology	3	- 77	-
Part -I Paper III	Microbiology	3	-52	-
Part - I Paper IV	Nutrition& Biochemistry	3	-	-
Part –II Paper I	Psychology	3	-	-
Part -III Paper I	Nursing Foundations	3	3	Yes

#### First Year B. Sc Nursing

#### Second Year B. Sc Nursing

	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -I Paper I	Sociology	3	-	-
Part –II Paper I	Medical Surgical Nursing (Adult including Geriatrics)-I Medical Nursing including	3	3	Yes

	Pathology						
Part -II Paper II	Medical Surgical Nursing						
	(Adult including Geriatrics)-I	3	3	Yes			
	Surgical Nursing						
Part -II Paper III	Pharmacology	3	-	-			
Part -II Paper IV	Community Health Nursing-I	3	-	-			
ERS'IT OF HEA							
Third Year B. Sc Nursing							
Theory Practical							

## Third Year B. Sc Nursing

N 0	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part - I Paper I	Medical Surgical Nursing			
	(Adult including Geriatrics)-II	3	3	Yes
	Medical Surgical Nursing- II	- C		
Part -I Paper II	Child Health Nursing	3	3	Yes
Part -I Paper III	Mental Health Nursing	3	3	Yes
Part - II Paper I	Nursing Research and	3		
4	Statistics	5	1	

# Fourth Year B. Sc Nursing

	Subject	Theory (Duration in hours)	Practical (Duration in hours)	Viva
Part -I Paper I	Obstetric and Gynaecological Nursing	3	3	Yes
Part -I Paper II	Community Health Nursing II	3	3	Yes
Part –II Paper I	Nursing Education	3	-	-
Part -II Paper II	Management of Nursing Service and Education	3	-	-

#### 3.4. Papers in each year

As given under 2.4 - Course Outline

#### 3.5. Details of theory exams

As given under 2.4., 3.3, 3.4, 3.5.

#### 3.6. Model question paper for each subject with question paper pattern

**QUESTION PAPER PATTEREN** 

Max. Time: 3 Hrs

Max. Marks Nursing Foundation:100 Nutrition and Biochemistry:50+25 Nursing Research and statistics :50+25 All other subjects:75

I) All Subjects with Max.marks: 75

53

C,			0
d,	Long Essay	1*12 marks	12 marks
¢			
cí.	Short Es <mark>say</mark>	2*7 marks	14 marks
5			0
	Short notes	5*5 marks	25 marks
Ī	Answer briefly /Differentiate/ list	~	
	the following/Give reasons	6*4 marks	24 marks
Ī	मयं भवन्त	मांग्रन	
	Total marks	_	75 marks

#### II) Nursing Foundation Max. marks: 100

Long Essay	1*15marks	15 marks
Short Essay	2*10 marks	20 marks
Short notes	5*5 marks	25 marks

Answer briefly /Differentiate/ list		
the following/Give reasons	10*4 marks	40 marks
Total marks		100 marks

# III)Nutrition / Nursing Research Max.mark: 50

Short Essay	2*7 marks	14 marks
Short notes	4*5 marks	20 marks
Answer briefly /Differentiate/ List		
the following/Give reasons	4*4 marks	16 marks 手
Total marks		50 marks

# IV)Statistics: Max.marks: 25

٩.,					
d	Statistical Calculations	1*7 marks	7 marks		
			0		
1	Short not <mark>es</mark>	6*3 marks	18 marks		
	6				
	Total mark		25 marks		
L	- 저희 버리~	শ যদ্যন			

# V) Biochemistry: Max.marks : 25

1		
Short notes	2*5 marks	10 marks
Answer briefly /Differentiate list the		
following/Give reasons	5*3 marks	15 marks
Total mark		25 marks

Draw diagram wherever necessary
Questions
Long Essays: (1×12=12)
1. Describe the classification of Joints? Describe each type with examples? Explain the
applied anatomy of Synovial Joint with suitable examples? (4+4+4)
Short Essays: (2×7 =14)
2. Draw and label the chambers and vessels of heart? Describe the interior of heart in
detail? (3 + 4)
3. Enumerate the parts of respiratory system? Explain the anatomy of lung? (4 + 3)
Write Short Notes on: (5x5 = 25)
4. Structure of Kidn <mark>ey.</mark>
5. Types of Cartilag <mark>e</mark>
6. Structure of a neuron.
7. Ear ossicles
8. Ventricles of Brain
Answer briefly: (4x4=16)
09. List the Organs of male and female reproductive system.
10. What are the Branches of Aorta?
11. Enumerate the Pituitary Hormones
12. Enumerate the cranial nerves
Differentiate between: (2x4=8)
13. Small and large intestine
14. Systemic circulation and pulmonary circulation

# Answer all questions

# - 14 - 17 m

Reg. No: .....

Time: 3 Hrs

## **Model Question Paper**

First Year B.Sc Nursing Degree Examinations, 2016 Scheme

Anatomy

Max. Marks: 75

#### **Model Question Paper**

Reg. No: .....

#### First Year B.Sc Nursing Degree Examinations, 2016 Scheme

#### Physiology

Time: 3 Hrs

**Answer all questions** 

Draw diagram wherever necessary

#### Long Essays:

1. Explain the regulation of respiration? Define the lung volumes and capacities with their normal values? (4+4+4)

#### Short Essays:

- **2.** What is menstrual cycle? Briefly explain the changes during menstrual cycle? (3+4)
- What are the different types of Blood groups? Briefly explain the functions of 3.

#### Write Short Notes on:

- 4. Conducting system of heart.
- 5. Function of nephrone
- 6. Refractive errors of Eye
- 7. Neuro Muscular Junction
- 8. Pregnancy tests

#### Answer briefly:

- 09. What are the functions of CSF ?
- 10. Mechanism of urine formation?
- **11.** Reflex action

☆

#### **Differentiate between:**

- 12. Active and Passive immunity
- 13. Enzymes and Hormones
- 14. Erythropoisis and Erythrolysis

leukocytes? (3+4)(5x5 = 25)101-0 (3x4=12) 1.1 (3x4=12)

(1×12=12)

Max. Marks: 75

 $(2 \times 7 = 14)$ 

First year B.sc nursing degree examinations-2016 scheme

Reg. No: .....

#### MICROBIOLOGY

Time: 3hrs

max.marks:75

8

(5\*5=25)

Answer all questions

#### Draw diagrams wherever necessary

Essay:

 Define sterilization and classify sterilizing agents. Explain in detail sterilization by moist heat. Enumerate the role of a nurse in sterilization. (1+2+6+3=12)

#### Short essays:

(2×7 =14)

고려 전

- Describe the morphology, clinical features and laboratory diagnosis of cholera(1+2+4=7)
- Define hospital acquired infections (HAI). Describe the various sources, routes of transmission and the common types of HAI. (1+2+2+2=7)

#### Short notes:

- 4. Universal precautions
- 5. Lab diagnosis of pulmonary tuberculosis

141 13

- 6. Innate immunity
- 7. Microfilaria
- 8. Candidiasis

#### Answer briefly:

- 9. Prophylaxis of rabies
- 10. Immunization schedule
- 11. Bacterial spores

#### Differentiate:

- 12. Live and killed vaccines
- 13. Agglutination and precipitation
- 14. Exotoxins and endotoxins

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(3\*4=12)

- (3\*4=12)

## First year B.Sc. Nursing Degree Examination 2016 Sheme

Reg. No: .....

#### NUTRITION AND BIO CHEMISTRY

Time : 3 Hours	Maximum Mark : 75
Answer all questions	
Section A – NUTRITION	Marks :50
<ul><li>Short Essay</li><li><b>1.</b>Explain the absorption, digestion and metabolism of Ca</li><li>2. Explain the functions, requirements and management</li></ul>	
Write Short notes	4x5 marks 20 marks
<ol> <li>Plan a diabetic diet for a 60 year old woman with 164</li> <li>Nutritional problems in India</li> <li>Methods of preservation of nutrients</li> <li>Classification of Fats</li> <li>Commercial methods of food preservation</li> </ol>	cms tall and 72 kg weight
Answer Briefly	4x4 marks 16 marks
<ul> <li>8. Balance Diet.</li> <li>9. Glycemic Index</li> <li>10. Rickets</li> <li>11. Prepare a day's menu for a pregnant woman with here</li> </ul> Section B – BIO CHEMISTRY	ypertension Marks :25
Write Short notes;	2 x 5 = 10 Marks
1. How is toxic Ammonia converted to non toxic Urea? Exp	
2. Write down the normal level of Calcium? How is Calcium	n regulated in the body?
Answer Briefly;	$2 \times 3 = 6$ Marks
<ol> <li>Pellagra</li> <li>Diabetic Ketoacidosis</li> </ol>	
Differentiate between;	3 x 3 = 9 Marks

- 5. Essential amino acids and Non essential amino acids.
- 6. Metabolic acidosis and respiratory acidosis
- 7. Hypokalemia and Hyperkalemia

	PSYCHOLOGY	
Time: 3ho	ours Max.Marks:75	•
	Answer All Questions	
Long ess	ay TYOF	1*12=12 marks
1. Ex	plain body mind relationship with suitable examples.	
		4,
Short ess	ays	2*7=14 marks
2. De	escribe classical conditioning with example.	
3. Ex	plain role of nurse in psychological assessment	
Short not	tes	5*5=25 marks
4. De	efense mechanisms	
5. Cł	naracteristics of a mentally healthy person	
6. R	ole of nurs <mark>e in mental health</mark>	
7. Ту	pes of pe <mark>rsonality</mark>	
8. Dr	rive theory <mark>of motivation</mark>	- 17
Answer b	priefly	6*4=14 marks
9. In	telligent quotient	
10. He	eredity and environment	
11. Er	rors in perception	
12. Ty	pes of aptitude	
13. De	eterminants of attention	

**Model Question Paper** 

First year B.Sc Nursing Degree Examination 2016 Scheme

14. Factors affecting learning

Reg. No: .....

Reg. No: Total Marks: 100
ANSWER ALL QUESTIONS
Long Essay: 1. Define pressure ulcer. Enumerate the common sites of pressure ulcer. State the risk
factors of pressure ulcer. Explain the nursing interventions for the prevention of pressure ulcer. (1+3+4+7 =15) Short Essay:
2. Define catheterization. What are the indications of catheterization?
Explain the nursing management of a client with continuous bladder drainage.
(1+4+5=10) 3. Define first aid. Enumerate the qualities of first aider. Explain the management of a client
with food poisoning. (1+4+5=10)
Short notes : (5x5=25)
4 Characteristics of profession.
5. Factors affecting pulse rate.
6. Standard safety precautions.
7. Nursing interventions to improve appetite
8. Care of dead bod <mark>y.</mark>
Differentiate between the following (5x4=20)
9. Palpation - Percussion
10. Injection _ Infusion
11. Isometric exercise -Isotonic exercise
12. Gastric gavage _ Gastric lavage
13. Source isolation _ protective isolation.
List down the following: (5x4=20)
14. Four positions and its purposes.
15. Four principles of medicine administration.
16. Four functions of hospital.
17. Four comfort devices and its purposes.
18. Four values of records.

First Year B.Sc Nursing Degree Examination 2016 Scheme

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#### 3.7. Internal assessment component

**Internal marks:** Calculation of internal marks shall be based on the ongoing and continuous assessment.

#### Theory:

Minimum three written examinations distributed throughout the year for each subject should be conducted. Average of best two examinations (University Model Exam mandatory) can be considered for the calculation of internal marks.

Marks of evaluation by other methods like assignments, seminars, projects etc. can be added to the internal marks.

#### Internal marks-weight age

Theory Marks	Weightage
Average of written examinations	80%
Other methods of evaluation (if any)	20%
Total	100%
Practical Marks	
Ongoing clinical evaluation	40%
Clinical Assignments	30%
Internal practical examination	30%
Total	100%

The internal marks shall be signed by the candidate before transmission to the

# University.

#### 3.8. Details of practical/clinical practicum exams.

All practical examinations are to be conducted in the respective clinical areas. Facility for observation of all candidates simultaneously in the same ward / clinical area by the examiners during practical examinations is mandatory.

One internal examiner and one external examiner should jointly conduct the practical examination.

Each candidate should be evaluated for a period of three hours for practical and should undergo minimum 10 minutes viva voce separately by internal and external examiner.

Maximum number of candidates for practical examination should not exceed 15 per day

#### 3.9. Number of examiners needed (Internal & External) and their qualifications

#### Qualification of the examiner

Lecturer or above in a College of Nursing with Post graduation in the concerned subject and minimum 3 years of teaching experience in the collegiate programme after obtaining PG degree is eligible for examinership. But for Nursing Foundations (I year), Nursing Research and Statistics (III year), Nursing Education (IV year) and Management of Nursing Service and Education (IV year), faculty having M Sc Nursing in any specialty shall be considered provided they have teaching experience in the above subjects and 3 years of teaching experience in the collegiate programme

#### 3.10. Details of Viva

Distribution of marks - Theory, practical examinations & viva.

#### First Year B.Sc Nursing

Subject	Internal	assessment	University examination		) Total
THEORY	Max. Marks	Min. Marks for pass	Max. Marks	Min. Marks for pass	marks
1. Anatomy	25	12.5	75	37.5	100
2. Physiology	25	12.5	75	37.5	100
3. Microbiology	25	12.5	75	37.5	100
4. Nutrition and Biochemistry *	(15+10) 25	12.5	(50+25) 75	37.5	100
5. Psychology	25	12.5	75	37.5	100
6. Nursing Foundations	50	25	100	50	150
7. English **	25	12.5		~	25
8. Introduction to computer **	25	12.5			25
PRACTICAL AND VIVA					
Nursing Foundations	50	25	100	50	150
TOTAL	275		575		850

\*Section-A-Nutrition-50 marks; Section B-Biochemistry-25 marks

\*For Nutrition & Biochemistry marks will be put together for pass.

**\*\* Internal examinations only**. Marks to be sent to the University

# Second Year B. Sc Nursing

	-	ernal ssment	Univo exami	Tatal	
Subject	Max. Marks	Min. marks for pass	Max. Marks	Min. Marks for pass	Total marks
THEORY					
1. Sociology	25	12.5	75	37.5	100
2. Medical Surgical Nursing			NE		
(Adult including Geriatrics)-I	25	12.5	75	37.5	100
Medical Nursing including	23	12.5	, 3	57.5	100
Pathology	10			12	
3 Medical Surgical Nursing	-	-		2	
(Adult including Geriatrics)-I	25	12.5	75	37.5	100
Surgical Nursing					
4. Pharmacology	25	12.5	75	37.5	100
5.Community Health Nursing –I	25	12.5	75	<mark>37.</mark> 5	100
PRACTICAL AND VIVA				-	2
1. Medical Su <mark>rgical Nursing</mark>				<b>7</b>	-
(Adult including Geriatrics)-I	50	25	100	50	150
Medical Nursing				- 62	
Medical Surgical Nursing (Adult					
including Geriatrics)-I	50	25	100	50	150
Surgical Nursing	14	ि स्ते	म्यानः		
TOTAL	225	-	575		800

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# Third Year B. Sc Nursing

	Internal a	ssessment	Unive exami	Total		
Subject	Max. Marks	Min. Marks for pass	Max. Marks	Min. Marks for pass	marks	
THEORY						
1 Medical Surgical Nursing (Adult including Geriatrics)-I1	25	0 F 12.5	75	37.5	100	
.Medical Surgical Nursing-II			6	4		
2.Child Health Nursing-	25	12.5	75	75 37.5		
3.Mental health Nursing	25	12.5	75	37.5	100	
4.Nursing Research and	(15+10)	12.5	(50+25)	37.5	100	
Statistics*	25	12.5	75	37.5		
PRACTICAL AND VIVA					0	
1. Medical Surgical Nursing						
(Adult including Geriatrics)-I1 Medical Surgical Nursing-II	50	25	100	50	150	
2. Child Health Nursing	50	25	100	50	150	
3. Mental Health Nursing	50	25	100	50	150	
TOTAL	250		600		850	

\*Nursing research-50 marks; statistics-25 marks

For Nursing research & statistics marks will be put together to pass.



# Fourth Year B. Sc Nursing

Subject	Internal assessm	ent	Univers examin	Total				
Subject	Max. Marks	arks Min. Marks Max. Min. Marks m for pass Marks for pass						
THEORY								
1.Obstetric and	25	12.5	75	37.5	100			
Gynaecological Nursing		1.6						
2.Community Health Nursing-II	25	12.5	75	37.5	100			
3.Nursing Education	25	12.5	75	37.5	100			
4.Management of Nursing	25	12.5	75	37.5	100			
Service and Education				1				
PRACTICAL AND VIVA								
1.Obstetric and Gynaecological	50	25	100	50	150			
Nursing				0				
2.Community Health Nursing-	50	25	100	50	150			
11			100		100			
TOTAL	200		500	2	700			

# 4. INTERNSHIP

6-1 C

# 4.1. Eligibility for internship

Not applicable.

#### 4.2. Details of internship Training

Not applicable.

# 4.3. Model of Internship Mark lists

Not applicable.

#### 4.4. Extension rules

A candidate must have minimum 80% attendance in both theory and practical separately in each subject for appearing the university examinations.

A candidate shall complete 100 % attendance in each of the practical area before the award of degree.

# 4.5. Details of Training given

Not applicable.

## 5. ANNEXURES

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#### **5.1. Check Lists for Monitoring**

Log Book, Seminar Assessment etc. As given under 2.6- syllabus.

#### 5.2. Template for Dissertation

Not applicable

#### 5.3. Template for Mark List showing Maximum & Minimum

#### Name of the Candidate:

Reg.No:

Name of College:

Name of Course: B.ScNursing

Examination: First Year B.Sc Nursing Degree Regular/Supplementary Examination

Month & Year of Examination: Date of Publication:

<u>ب</u>				Theory		P	ractica	8	Total			t
Paper	Subje	Max	Min	Awar ded	Max	Min	Awar ded	Ma x	Min	Awar ded	Result	
	A	IA	25	12.50		-	-	-				
1	Anatomy	University	75	37.50		-	-	-	<b>10</b> 0	50		
	ph. Salar	IA	25	12.50		-		-				
2	Physiology	University	75	37.50		-	-	-	100	50		
	Misushislasu	IA	25	12.50		-		-		0		
3	Microbiology	University	75	37.50		-	-	-	100	50		
	Nutrition&	IA	25	12.50		-	-	-	6			
4	Biochemistry	University	75	37.50		-	-	-	100	50		
	Devekelerv	IA	25	12.50		-	-	-				
5	Psychology	University	75	37.50	1.1	1-1		1-1	100	50		
	Nursing	IA	50	25.00		100	50					
6	Foundations	University	100	50.00		100	50		300	150		
	*En aliah	IA	25	12.50	1	-	-	-				
7	*English	University	-	_		-	-	-	25	12.5		
	* Introduction	IA	25	12.50		-	-	-				
8	8 to Computer	University	-	-	-	-	-	-	25	12.5		
Gra	nd Total	1	850	425								
Gra	nd Total in Wo	rds										

Grand Total in Words

IA - Internal Assessment, A - Absent, P - Passed, F -Failed

\*No UniversityExamination

End of Mark Statement

#### Name of the Candidate:

#### Reg.No:

Name of College:

Name of Course: B.ScNursing

Examination: Second Year B Sc Nursing Degree Regular/Supplementary Examination

Month & Year of Examination:

Date of Publication:

Рар	Subject			Theory			Practical			Total		
er				xMin	Awa rded	Max	Min	Min Awar ded	Max		Awar ded	
	-		_						<u> </u>			
1	Sociology	IA	25	12.5		-	-	-	100	50		
	~								- 2			
	2	University	75	37.5		-	-	-				
										QP.		
	Medical	IA	25	12.50		50	25			0		
2	Nursinginclud	University	75	37.50		100	50		250	125		
	ing Pathology	_								1771		
	< /		÷.,							-		
	CL	IA	25	12.50		50	25					
3	Surgical Nursing	University	75	37.50		100	50		250	125		
	· , · ·	IA	25	12.50		_	-	-	- 4			
4	Pharmacology	University	75	37.50		-	-	-	100	50		
		IA	25	12.50		-	-	-				
5	Community	University	75	37.50		-	-	-	100	50		
	Health Nursing	ार्व भ	1.17	1.1	23	ŤΤ.	100					
Gran	d Total			1					800	400		
	d Total in Words											1

IA - Internal Assessment, A - Absent, P - Passed, F -Failed

End of Mark Statement---

Name of the Candidate:

Name of College:

Name of Course: BSc

Nursing

## Examination: Third year BScNursing Degree Regular/Supplement

Month & Year of Examination:

onth & Year of	Examinat	ion:	Γ. T		1.15		Date	e of Pu	blicat	ion:	
	- q. <sup>2</sup>										
	6		Theor	у		Pract	ical	6	Tota		
1	Subject			Award				2		Awarde	Result
		Max	Min	ed	Max	Min	Awarded	Max	Min	d	
Medical	IA	25	12.50		50	25					
Surgical								_	9		
Nursing II					1				0		
	University	75	37.50		100	50		250	125		
Child Health	IA	25	<b>12.50</b>		50	25					
				×.,					1		
ω.	University	75	37.50		100	50		250	125		
Mental	IA	25	12.50	-	50	25		69			
Health Nursing	University	75	37.50		100	50		250	125		
Nursing	IA	25	12.50	1	स्		141				
Research&				~				N			
	University	75	37.50		_	-	-	100	50		
	Grand Tot	al		<u>I</u>	<u>I</u>		1	850	425		
		Grand	l Total	in Wor	ds				<u> </u>	1	1
	Medical Surgical Nursing II Child Health Nursing Mental Health Nursing Nursing Research& Statistics	Subject         Medical       IA         Surgical       University         Nursing II       University         Child Health       IA         Nursing       University         Mental       IA         Health       University         Nursing       IA         Statistics       University	Max Medical IA 25 Surgical IA 25 Nursing II University 75 Child Health IA 25 Nursing II IA 25 University 75 Mental IA 25 Mental IA 25 Nursing IA 25 Nursing IA 25 Statistics IA 25 Child Health IA 25 Mental IA 25 Mursing IA 25 Statistics IA 25 Child Health IA 25	Image: SubjectTheorSubjectImage: SubjectMaxMinMedicalIA2512.50SurgicalIA2512.50Nursing IIUniversity7537.50Child Health NursingIA2512.50MentalIA2537.50Mental NursingIA2512.50Mental NursingIA2512.50Mental NursingIA2512.50Mental NursingIA2512.50Nursing Research& StatisticsIA2537.50Mursing NursingIA2537.50Research& StatisticsIniversity7537.50Grand TotalIAIAIAIAImit Diversity7512.5012.50Research& StatisticsImit Diversity7537.50	SubjectImage: Image: Im	Image: SubjectTheoryImage: SubjectSubjectMaxAward MinMaxMedicalIA2512.5050SurgicalUniversity7537.50100Nursing IIUniversity7512.50100Child Health NursingIA2512.50100MentalIA2537.50100Mental Health NursingIA2512.50100Nursing Research& StatisticsIA2512.50100Nursing University7537.50100	Image: SubjectImage: Theory (Image: SubjectImage: SubjectAward (Image: SubjectImage: SubjectMedical Surgical Nursing IIIA2512.50Ia5025Nursing IIUniversity7537.50Ia10050Child Health NursingIA2512.50Ia5025Mental Health NursingIA2537.50Ia5025Mental Health NursingIA2512.50Ia5050Nursing Research& StatisticsIA2537.50Ia10050Mursing NursingIA2537.50Ia10050Nursing Research& Duiversity7537.50IaIaIaImage: Health NursingIa2537.50IaIaIaImage: Health NursingIa2537.50IaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health NursingIaIaIaIaIaIaImage: Health Nursing <t< td=""><td>Subject         Award Max         Award Max         Min         Award Max           Medical         IA         25         12.50         50         25         12.50           Surgical         IA         25         12.50         50         25         12.50           Nursing II         University         75         37.50         100         50         100           Child Health         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Nursing         IA         25         37.50         100         100         100           S</td><td>Subject         Image: subject         Award         Award         Awarded         Awarded</td><td>Subject         Image: Theory and the second se</td><td>Image: Image: Im</td></t<>	Subject         Award Max         Award Max         Min         Award Max           Medical         IA         25         12.50         50         25         12.50           Surgical         IA         25         12.50         50         25         12.50           Nursing II         University         75         37.50         100         50         100           Child Health         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Mental         IA         25         12.50         100         50         100           Nursing         IA         25         37.50         100         100         100           S	Subject         Image: subject         Award         Award         Awarded         Awarded	Subject         Image: Theory and the second se	Image: Im

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IA - Internal Assessment, A - Absent, P - Passed, F - Failed

--- End of Mark Statement ---

Reg.No:

Name of the Candidate:

Reg.No:

Name of the College:

Name of the Course: B. Sc. Nursing

Name of Examination: Fourth Year B. Sc. Nursing Degree Regular/Supplementary Examination - Month & Year of Examination:

Date of Publication of Result:

			11	Y	-0	Practic	al 8	& Viva				
SI.No	Subjects	1	Theory	y	Voce			Total			Resu	
•		( ) _			Awar			Awarde	1		Awarde	lt
	Paper		Max	Min	ded	Max	Min	d	Max	Min	d	
	Obstetrics & Gynecological	IA	25	12.50		50	25			5		
	Nursing									0		
1	1	University	75	37.50		100	50		250	125	5	
	Community	IA	25	12.50		50	25				-	
2	Health Nursing II	University	75	<mark>37.5</mark> 0		100	50		250	125		
	Nursing	IA	25	12.50		-	-			0		
3	Education	Un <mark>iversity</mark>	75	37.50		100	50		100	50		
4	Management of Nursing	IA	25	12.50		-	-		100	50		
	Service &Education	University	75	37.50	F.	म्	73	1				
	IV	700	350									
Total	Marks Award	ed in I Yea	r:	-					850	425		
	"	ll Yea	ır:						800	400		
		III Yea	ar:						850	425		
	GF	RAND TOT	4L(I <i>,</i> II,	III & IV	year)				3200	1600		
		Grand Tota	al in W	ords:					1	1	1	1

IA - Internal Assessment, A - Absent, P - Passed, F - Failed

--- End of Mark Statement ---