

## ADULT HEALTH NURSING-I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)

PLACEMENT: III SEMESTER

**THEORY:** 7 Credits (140 hours)

**PRACTICUM:** Lab/Skill Lab (SL) – 1 Credit (40 hours) Clinical – 6 Credits (480 hours)

**DESCRIPTION:** This course is designed to equip the student to review and apply their knowledge of Anatomy, Physiology, Biochemistry and Behavioral sciences in caring for adult patients with Medical/Surgical disorders using nursing process approach and critical thinking. It also intends to develop competencies required for assessment, diagnosis, treatment, nursing management, and supportive/palliative care to patients with various Medical/Surgical disorders.

**COMPETENCIES:** On completion of Medical/Surgical Nursing I course, students will be able to

Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of common medical and surgical disorders.

Perform complete health assessment to establish a database for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection.

Identify nursing diagnoses, list them according to priority and formulate a nursing care plan.

Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.

Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.

Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.

Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.

Demonstrate competencies/skills to patients undergoing treatment for medical/surgical disorders.

Identify the drugs used in treating patients with medical/surgical conditions.

Plan and give relevant individual and group education on significant medical/surgical topics.

Maintain a safe environment for patients and the healthcare personnel in the hospital.

Integrate evidence-based information while giving nursing care to patients.

## COURSE CONTENT

T – Theory, L/SL – Lab/Skill Lab

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/ Learning Activities	Assessment Methods
I	6 (T) 4 (L/SL)	<p>Narrate the evolution of medical surgical nursing</p> <p>Apply nursing process in caring for patients with medical surgical problems</p> <p>Execute the role of a nurse in various medical surgical setting</p> <p>Develop skills in assessment and care of wound</p> <p>Develop competency in providing pre and postoperative care</p>	<p>Introduction</p> <p>Evolution and trends of medical and surgical nursing</p> <p>International classification of diseases</p> <p>Roles and responsibility of a nurse in medical and surgical settings</p> <p>Outpatient department</p> <p>In-patient unit</p> <p>Intensive care unit</p> <p>Introduction to medical and surgical asepsis</p> <p>Inflammation, infection</p> <p>Wound healing – stages, influencing factors</p> <ul style="list-style-type: none"> <li>o Wound care and dressing technique</li> </ul> <p>Care of surgical patient</p> <ul style="list-style-type: none"> <li>o pre-operative</li> <li>o post-operative</li> </ul> <p>Alternative therapies used in caring for patients with Medical Surgical Disorders</p>	<p>Lecture cum discussion</p> <p>Demonstration &amp; Practice session</p> <p>Visit to outpatient department, inpatient and intensive care unit</p>	<p>Short Answer</p> <p>OSCE</p>
II	15(T) 4(L/SL)	<p>Explain organizational set up of the operating theatre</p> <p>Differentiate the role of scrub nurse and circulating nurse</p> <p>Describe the different positioning for various</p>	<p><b>Intraoperative Care</b></p> <p>Organization and physical set up of the operation theatre</p> <p>Classification</p> <p>O.T Design</p>	<p>Lecture cum Discussion</p> <p>Demonstration, Practice session, and Case Discussion</p>	<p>Caring for patient intraoperatively</p> <p>Submit list of disinfectants used</p>

		<p>surgeries</p> <p>Apply principles of asepsis in handling the sterile equipment</p> <p>Demonstrate skill in scrubbing procedures</p> <p>Demonstrate skill in assessing the patient and document accurately the surgical safety checklist</p> <p>Develop skill in assisting with selected surgeries</p> <p>Explain the types, functions, and nursing considerations for different types of anaesthesia</p>	<p>Staffing</p> <p>Members of the OT team</p> <p>Duties and responsibilities of the nurse in OT</p> <p>Position and draping for common surgical procedures</p> <p>Instruments, sutures and suture materials, equipment for common surgical procedures</p> <p>Disinfection and sterilization of equipment</p> <p>Preparation of sets for common surgical procedures</p> <p>Scrubbing procedures – Gowning, masking and gloving</p> <p>Monitoring the patient during the procedures</p> <p>Maintenance of the therapeutic environment in OT</p> <p>Assisting in major and minor operation, handling specimen</p> <p>Prevention of accidents and hazards in OT</p> <p>Anaesthesia – types, methods of administration, effects and stages, equipment &amp; drugs</p> <p>Legal aspects</p>	<p>Visit to receiving bay</p>	<p>for instruments with the action and precaution</p>
<b>III</b>	6(T) 4(L/SL)	<p>Identify the signs and symptoms of shock and electrolyte imbalances</p> <p>Develop skills in managing fluid and electrolyte imbalances</p> <p>Perform pain assessment and plans for the nursing management</p>	<p><b>Nursing care of patients with common signs and symptoms and management</b></p> <p>Fluid and electrolyte imbalance</p> <p>Shock</p> <p>Pain</p>	<p>Lecture, discussion, demonstration</p> <p>Case discussion</p>	<p>Short answer</p> <p>MCQ</p> <p>Case report</p>

Unit	Time (Hrs)	Learning Outcomes	Content	Teaching/Learning Activities	Assessment Methods
IV	18(T) 4(L)	<p>Demonstrate skill in respiratory assessment</p> <p>Differentiate different breath sounds and list the indications</p> <p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of common respiratory problems</p> <p>Describe the health behavior to be adopted in preventing respiratory illnesses</p>	<p><b>Nursing Management of patients with respiratory problems</b></p> <p>Review of anatomy and physiology of respiratory system</p> <p>Nursing Assessment – history taking, physical assessment and diagnostic tests</p> <p>Common respiratory problems:</p> <ul style="list-style-type: none"> <li>Upper respiratory tract infections</li> <li>Chronic obstructive pulmonary diseases</li> <li>Asthma</li> <li>Pleural effusion, Empyema</li> <li>Bronchiectasis</li> <li>Pneumonia</li> <li>Lung abscess</li> <li>Cyst and tumors</li> <li>Chest Injuries</li> <li>Acute respiratory distress syndrome</li> <li>Pulmonary embolism</li> </ul> <p>Health behavior to prevent respiratory illness</p>	<p>Lecture, discussion,</p> <p>Demonstration</p> <p>Practical session</p> <p>Case presentation</p> <p>Visit to PFT Lab</p>	<p>Essay</p> <p>Short answer</p> <p>OSCE</p>
V	16(T) 5(L)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of gastrointestinal disorders</p> <p>Demonstrate skill in gastrointestinal assessment</p> <p>Prepare patient for upper and lower gastrointestinal investigations</p> <p>Demonstrate skill</p>	<p><b>Nursing Management of patients with disorders of digestive system</b></p> <p>Review of anatomy and physiology of GI system</p> <p>Nursing assessment – History and physical assessment</p> <p>GI investigations</p> <p>Common GI disorders:</p> <ul style="list-style-type: none"> <li>Oral cavity: lips, gums and teeth</li> <li>GI: Bleeding, Infections, Inflammation, tumors, Obstruction, Perforation &amp; Peritonitis</li> <li>Peptic &amp; duodenal ulcer,</li> <li>Mal-absorption, Appendicitis, Hernias</li> <li>Hemorrhoids, fissures, Fistulas</li> <li>Pancreas: inflammation, cysts, and tumors</li> <li>o Liver: inflammation, cysts, abscess, cirrhosis,</li> </ul>	<p>Lecture, Discussion</p> <p>Demonstration,</p> <p>Roleplay</p> <p>Problem Based Learning</p> <p>Visit to stomach clinic</p>	<p>Short answer</p> <p>Quiz</p> <p>OSCE</p>

		<p>ingastric decompression, gavage, and stomach care</p> <p>Demonstrate skill in different feeding techniques</p>	<p>portal hypertension, hepatic failure, tumors</p> <p>o Gallbladder: inflammation, Cholelithiasis, tumors</p> <p>Gastric decompression, gavage and stomach care, different feeding techniques</p> <p>Alternative therapies, drugs used in treatment of disorders of digestive system</p>		
<b>VI</b>	20(T) 5(L)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of cardiovascular disorders</p> <p>Demonstrate skill in cardiovascular assessment</p> <p>Prepare patient for invasive and non-invasive cardiac procedures</p> <p>Demonstrate skill in monitoring and interpreting clinical signs related to cardiac disorders</p> <p>Complete BLS/BCLS module</p>	<p><b>Nursing Management of patients with cardiovascular problems</b></p> <p>Review of anatomy and physiology of cardio-vascular system</p> <p>Nursing Assessment: History and Physical assessment</p> <p>Invasive &amp; non-invasive cardiac procedures</p> <p>Disorders of vascular system- Hypertension, arteriosclerosis, Raynaud's disease, aneurysms and peripheral vascular disorders</p> <p>Coronary artery diseases: coronary atherosclerosis, Angina pectoris, myocardial infarction</p> <p>Valvular disorders: congenital and acquired</p> <p>Rheumatic heart disease: pericarditis, myocarditis, endocarditis, cardiomyopathies</p> <p>Cardiac dysrhythmias, heart block</p> <p>Congestive heart failure, cor pulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade</p> <p>Cardiopulmonary arrest</p>	<p>Lecture, discussion</p> <p>Demonstration</p> <p>Practical session</p> <p>Case Discussion</p> <p>Health education</p> <p>Drug Book/presentation</p> <p><b>Completion of BCLS Module</b></p>	<p>Care plan</p> <p>Drug record</p> <p>BLS/ BCLS evaluation</p>

<p><b>VII</b></p>	<p>7(T) 3(L)</p>	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of hematological disorders</p> <p>Interpret blood reports Prepare and provide health education on blood donation</p>	<p><b>Nursing Management of patients with disorders of blood</b></p> <p>Review of Anatomy and Physiology of blood</p> <p>Nursing assessment: history, physical assessment &amp; Diagnostic tests</p> <p>Anemia, Polycythemia</p> <p>Bleeding Disorders: clotting factor defects and platelets defects, thalassemia, leukemia, leukopenia, agranulocytosis</p> <p>Lymphomas, myelomas</p>	<p>Field visit to blood bank Counseling</p>	<p>Interpretation of blood reports Visit report</p>
<p><b>VIII</b></p>	<p>8(T) 2(L)</p>	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of endocrine disorders</p> <p>Demonstrate skill in assessment of endocrine organ and dysfunction</p> <p>Prepare and provide health education on diabetic diet</p> <p>Demonstrate skill in insulin administration</p>	<p><b>Nursing management of patients with disorders of endocrine system</b></p> <p>Review of anatomy and physiology of endocrine system</p> <p>Nursing Assessment – History and Physical assessment</p> <p>Disorders of thyroid and Parathyroid, Adrenal and Pituitary (Hyper, Hypo, tumors)</p> <p>Diabetes mellitus</p>	<p>Lecture, discussion, demonstration Practice session Case Discussion Health education</p>	<p>Prepare health education on self-administration of insulin Submits a diabetic diet plan</p>

IX	8(T) 2(L)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of disorders of integumentary system</p> <p>Demonstrates skill in integumentary assessment</p> <p>Demonstrates skill in medicated bath</p> <p>Prepare and provide health education on skin care</p>	<p><b>Nursing management of patients with disorders of Integumentary system</b></p> <p>Review of anatomy and physiology of skin</p> <p>Nursing Assessment: History and Physical assessment</p> <p>Infection and infestations; Dermatitis</p> <p>Dermatoses; infectious and Noninfectious</p> <p>Acne, Allergies, Eczema &amp; Pemphigus</p> <p>Psoriasis, Malignant melanoma, Alopecia</p> <p>Special therapies, alternative therapies</p> <p>Drugs used in treatment of disorders of integumentary system</p>	<p>Lecture, discussion</p> <p>Demonstration</p> <p>Practicesession</p> <p>CaseDiscussion</p>	<p>Drug report</p> <p>Preparation of Home care plan</p>
X	16(T) 4(L)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of musculoskeletal disorders</p> <p>Demonstrates skill in musculoskeletal assessment</p> <p>Prepare patient for radiological and non-radiological investigations of musculoskeletal system</p> <p>Demonstrates skill in crutch walking and splinting</p> <p>Demonstrate skill in care of patient with replacement surgeries</p>	<p><b>Nursing management of patients with musculoskeletal problems</b></p> <p>Review of Anatomy and physiology of the musculoskeletal system</p> <p>Nursing Assessment: History and physical assessment, diagnostic tests</p> <p>Musculoskeletal trauma: Dislocation, fracture, sprain, strain, contusion, amputation</p> <p>Musculoskeletal infections and tumors: Osteomyelitis, benign and malignant tumour</p> <p>Orthopedic modalities: Cast, splint, traction, crutch walking</p> <p>Musculoskeletal inflammation: Bursitis, synovitis, arthritis</p> <p>Special therapies, alternative therapies</p> <p>Metabolic bone disorder: Osteoporosis, osteomalacia and Paget's disease</p> <p>Spinal column defects and deformities – tumor, prolapsed intervertebral disc, Pott's spine</p> <p>Rehabilitation, prosthesis</p> <p>Replacement surgeries</p>	<p>Lecture/</p> <p>Discussion</p> <p>Demonstration</p> <p>CaseDiscussion</p> <p>Health education</p>	<p>Nursing care plan</p> <p>Prepare health teaching on care of patient with cast</p>

		Prepare and provide health education on bone healing			
<b>XI</b>	20(T) 3(L)	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with communicable diseases</p> <p>Demonstrate skill in barrier and reverse barrier techniques</p> <p>Demonstrate skill in execution of different isolation protocols</p>	<p><b>Nursing management of patients with Communicable diseases</b></p> <p>Overview of infectious diseases, the infectious process</p> <p>Nursing Assessment: History and Physical assessment, Diagnostic tests</p> <p>Tuberculosis</p> <p>Diarrhoeal diseases, hepatitis A-E, Typhoid</p> <p>Herpes, chickenpox, Smallpox, Measles, Mumps, Influenza</p> <p>Meningitis</p> <p>Gas gangrene</p> <p>Leprosy</p> <p>Dengue, Plague, Malaria, Chikungunya, swine flu, Filariasis</p> <p>Diphtheria, Pertussis, Tetanus, Poliomyelitis</p> <p>COVID-19</p> <p>Special infection control measures: Notification, Isolation, Quarantine, Immunization</p>	<p>Lecture, discussion, demonstration</p> <p>Practise session</p> <p>Case Discussion/seminar</p> <p>Health education</p> <p>Drug Book/presentation</p> <p><b>Refer TB Control &amp; Management module</b></p>	Prepares and submits protocol on various isolation techniques

## DISTRIBUTION OF TEACHING HOURS

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STRATEGY		Teaching hours	
Didactic	Lectures		140
Non didactic	Clinical/Field practice	424	} 480
	BCLS module	40	
	Tutorials	10	
	Integrated Teaching Program/MPBL	06	
	<b>Skill lab</b>	<b>40</b>	40
Total			660Hrs.



## TOPICS & OUTCOMES

Subject	Number of Themes	Number of outcomes
ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)	11	95

## DISTRIBUTION OF THEORY HOURS

S. N	Theme	Topics	Teaching hrs.
1	Introduction	Introduction	06
2	IntraoperativeCare	Intraoperative Care	15
3	Nursing care of patients with common signs and symptoms and management	Nursing care of patients with common signs and symptoms and management	06
4	Nursing Management of patients with respiratory problems	Nursing Management of patients with respiratory problems	18
5	Nursing Management of patients with disorders of digestive system	Nursing Management of patients with disorders of digestive system	16
6	Nursing Management of patients with cardiovascular problems	Nursing Management of patients with cardiovascular problems	20
7	Nursing Management of patients with disorders of blood	Nursing Management of patients with disorders of blood	07
8	Nursing management of patients with disorders of endocrine system	Nursing management of patients with disorders of endocrine system	08
9	Nursing management of patients with disorders of Integumentary system	Nursing management of patients with disorders of Integumentary system	08
10	Nursing management of patients with musculoskeletal problems	Nursing management of patients with musculoskeletal problems	16
11	Nursing management of patients with Communicable diseases	Nursing management of patients with Communicable diseases	20
<b>TOTAL</b>			<b>140 Hours</b>

Theme and total hours allotted	Objectives	Topic	Code No	Competency	Core competency		Non core competency	
					Must Know (60%)	Desirable to Know (30%)	Nice to Know (10%)	
<b>I</b> <b>Introduction</b> <b>6 (T)</b> <b>4 (L/SL)</b>	At the end of the unit students are able to: <b>Knowledge:</b> .Narrate the evolution of medical surgical nursing Apply nursing process in caring for patients with medical surgical problems <b>Skill:</b> Develop skills in assessment and care of wound  Develop competency in providing pre and postoperative care <b>Attitude.</b> Execute the role of a nurse in various medical surgical setting	<b>Introduction</b>	N-AHN (I) 215: III SEM 1.1	CO1: Explain evolution and trends of medical and surgical nursing	Evolution and trends of medical and surgical nursing			1
			N-AHN (I) 215: III SEM 1.2	CO2: Describe the International classification of diseases	International classification of diseases			1
			N-AHN (I) 215: III SEM 1.3	CO3: Explain the Roles and responsibility of a nurse in medical and surgical settings -Outpatient department -In-patient unit -Intensive care unit	Roles and responsibility of a nurse in medical and surgical settings -Outpatient department -In-patient unit -Intensive care unit			1
			N-AHN (I) 215: III SEM 1.4	CO4: Explain the Introduction to medical and surgical asepsis -Inflammation, infection -Wound healing – stages, influencing factors -Woundcareanddrressingtechnique	Introduction to medical and surgical asepsis -Inflammation, infection -Wound healing – stages, influencing factors - Woundcareanddrressingtec hnique			1
			N-AHN (I) 215: III SEM 1.5	CO5: Explain the care of surgical patient o pre-operative o post-operative		Care of surgical patient o pre-operative o post-operative		1

			N-AHN (I) 215: III SEM 1.6	CO6: Describe the alternative therapies used in caring for patients with Medical Surgical Disorders .			Alternative therapies used in caring for patients with Medical Surgical Disorders	1
<b>Intraoperative Care 15 (T) 4 (L/SL)</b>	At the end o unit students are able to: <b>Knowledge:</b> Explain organizational set up of the operating theatre Differentiate the role of scrub nurse and circulating nurse Describe the different positioning for various surgeries <b>Skill:</b> Demonstrate skill in scrubbing procedures Demonstrate skill in assessing the patient and document accurately the surgical safety checklist Develop skill in assisting with selected surgeries. <b>Attitude:</b> Apply principles of asepsis in handling the sterile equipment	<b>Intraoperative Care</b>	N-AHN (I) 215: III SEM 2.1	CO1: Explain the Organization and physical set up of the operation theatre <ul style="list-style-type: none"> <li>o Classification</li> <li>o O.T Design</li> <li>o Staffing</li> <li>o Members of the OT team</li> <li>o Duties and responsibilities of the nurse in OT.</li> </ul>	Organization and physical set up of the operation theatre -Classification -O.T Design -Staffing -Members of the OT team -Duties and responsibilities of the nurse in OT			2
			N-AHN (I) 215: III SEM 2.2	CO2: Explain Position and draping for common surgical procedures.	Position and draping for common surgical procedures			1
			N-AHN (I) 215: III SEM 2.3	CO3: Explain Instruments, sutures and suture materials, equipment for common surgical procedures.	Instruments, sutures and suture materials, equipment for common surgical procedures			1
			N-AHN (I) 215: III SEM 2.4	CO4: Explain Disinfection and sterilization of equipment.	Disinfection and sterilization of equipment			1
			N-AHN (I) 215: III SEM 2.5	CO5: Explain Preparation of sets for common surgical procedures.		Preparation of sets for common surgical procedures		2
			N-AHN (I) 215:	CO6: Explain the Scrubbing		Scrubbing		2

			III SEM 2.6	CO7: procedures – Gowning, masking and gloving.		procedures – Gowning, masking and gloving		
			N-AHN (I) 215: III SEM 2.7	CO8: Describe the monitoring the patient during the procedures	Monitoring the patient during the procedures			1
			N-AHN (I) 215: III SEM 2.8	CO9: Describe maintenance of the therapeutic environment in OT	Maintenance of the therapeutic environment in OT			1
			N-AHN (I) 215: III SEM 2.9	CO10: Describe assisting in major and minor operation, handling specimen	Assisting in major and minor operation, handling specimen			1
			N-AHN (I) 215: III SEM 2.10	CO11: Illustrate the prevention of accidents and hazards in OT	Prevention of accidents and hazards in OT			1
			N-AHN (I) 215: III SEM 2.11	CO12: Explain the Anaesthesia – types, methods of administration, effects and stages, equipment & drugs			Anaesthesia – types, methods of administration, effects and stages, equipment & drugs	1
			N-AHN (I) 215: III SEM 2.12	CO13: Describe the Legal aspects			Legal aspects	1

<b>III</b> <b>Nursing care of patients with common signs and symptoms and management</b>  6(T) 4(L/SL)	At the end of unit students are able to <b>Knowledge:</b> Understand and describe the signs and symptoms of shock and electrolyte imbalances <b>Skill:</b> Develop skills in managing fluid and electrolyte imbalances <b>Attitude:</b> Perform pain assessment and plans for the nursing management	<b>Nursing care of patients with common signs and symptoms and management</b>	N-AHN (I) 215: III SEM 3.1	CO1: Describe the Nursing care of patients with common signs and symptoms and management, Fluid and electrolyte imbalance	Nursing care of patients with common signs and symptoms and management Fluid and electrolyte imbalance			4
			N-AHN (I) 215: III SEM 3.2	CO2: Describe the signs and symptoms and nursing management of Shock		Shock		1
			N-AHN (I) 215: III SEM 3.3	CO3: Describe the acute and chronic Pain assessment and plan for nursing management.			Pain	1
<b>IV</b> <b>Nursing Management of patients with respiratory problems</b>  18(T) 4(L)	At the end of unit the students are able to <b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of common respiratory problems. <b>Skill:</b> Assess the client and plan and implement the nursing care.  Demonstrate skill in respiratory assessment	<b>Nursing Management of patients with respiratory problems</b>	N-AHN (I) 215: III SEM 4.1	Review of anatomy and physiology of respiratory system	Review of anatomy and physiology of respiratory system			1
				Explain the history, physical assessment, diagnostic test.	Nursing Assessment – history taking, physical assessment and diagnostic tests			1
			N-AHN (I) 215: III SEM 4.2	Explain the history, physical assessment, diagnostic test.	Nursing Assessment – history taking, physical assessment and diagnostic tests			1
			N-AHN (I) 215: III SEM 4.3	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Upper respiratory tract infections	Upper respiratory tract infections			1

t	Differentiates different breath sounds and lists the indications		N-AHN (I) 215: III SEM 4.4	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Chronic obstructive pulmonary diseases & Asthma	Chronic obstructive pulmonary diseases & Asthma			1
			N-AHN (I) 215: III SEM 4.5	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Pleural effusion, Empyema	Pleural effusion, Empyema			1
			N-AHN (I) 215: III SEM 4.6	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Bronchiectasis	Bronchiectasis			1
			N-AHN (I) 215: III SEM 4.7	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Pneumonia	Pneumonia			2
			N-AHN (I) 215: III SEM 4.8	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Lung abscess	Lung abscess			1
			N-AHN (I) 215: III SEM 4.9	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Cyst and tumors -Chest Injuries -Acute respiratory distress syndrome		-Cyst and tumors -Chest Injuries -Acute respiratory distress syndrome		6
			N-AHN (I) 215: III SEM 4.10	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Pulmonary embolism			Pulmonary embolism	1

			N-AHN (I) 215: III SEM 4.11	Describe the Health behaviors to prevent respiratory illness			Health behaviors to prevent respiratory illness	1
<b>V</b> Nursing Management of patients with disorders of digestive system 16(T) 5(L)	At the end of unit students are able to: <b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of gastrointestinal disorders <b>Skill:</b> Demonstrate skill in gastrointestinal assessment  Demonstrate skill in gastric decompression, gavage, and stoma care Demonstrate skill in different feeding techniques <b>Attitude:</b> Prepare patient for upper and lower gastrointestinal investigations.	Nursing Management of patients with disorders of digestive system	N-AHN (I) 215: III SEM 5.1	Describe the review of anatomy and physiology of GI system.	Review of anatomy and physiology of GI system			1/2
			N-AHN (I) 215: III SEM 5.2	Describe the Nursing assessment – History and physical assessment.	Nursing assessment –History and physical assessment			1/2
			N-AHN (I) 215: III SEM 5.3	Describe GI investigations.	GI investigations			1/2
			N-AHN (I) 215: III SEM 5.4	Describe the common GI disorder of Oral cavity: lips, gums and teeth.	Common GI disorders: Oral cavity: lips, gums and teeth			1/2
			N-AHN (I) 215: III SEM 5.5	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of GI: Bleeding, Infections, Inflammation, tumors, Obstruction, Perforation & Peritonitis		GI: Bleeding, Infections, Inflammation, tumors, Obstruction, Perforation & Peritonitis		5
			N-AHN (I) 215: III SEM 5.6	Describe the Alternative therapies, drugs used in treatment of disorders of digestive system			Alternative therapies, drugs used in treatment of disorders	2

							of digestive system	
			N-AHN (I) 215: III SEM 5.7	Explain the Peptic & duodenal ulcer,	Peptic & duodenal ulcer,			1
			N-AHN (I) 215: III SEM 5.8	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of- Mal-absorption, Appendicitis, Hernias	Mal-absorption, Appendicitis, Hernias			1
			N-AHN (I) 215: III SEM 5.9	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of- Hemorrhoids, fissures, Fistulas	Hemorrhoids, fissures, Fistulas			1
			N-AHN (I) 215: III SEM 5.10	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of- Pancreas: inflammation, cysts, and tumors	Pancreas: inflammation, cysts, and tumors			1
			N-AHN (I) 215: III SEM 5.11	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of- Liver: inflammation, cysts, abscess, cirrhosis, portal hypertension, hepatic failure, tumors	Liver: inflammation, cysts, abscess, cirrhosis, portal hypertension, hepatic failure, tumors			1
			N-AHN (I) 215: III SEM 5.12	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of- Gall bladder: inflammation, Cholelithiasis, tumors	Gall bladder: inflammation, Cholelithiasis, tumors			1



			N-AHN (I) 215: III SEM 5.13	Explain the Gastric decompression, gavage and stoma care, different feeding techniques	Gastric decompression, gavage and stoma care, different feeding techniques			1
<p>VI</p> <p>Nursing Management of patients with cardiovascular problems 20(T) 5(L)</p>	<p>At the end of unit student are able to:</p> <p><b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of cardiovascular disorders</p> <p><b>Skill:</b> Demonstrate skill in cardiovascular assessment Demonstrate skill in monitoring and interpreting clinical signs related to cardiac disorders</p> <p><b>Attitude :</b> Prepare patient for invasive and non- invasive cardiac procedures. <b>Complete BLS/BCLS module</b></p>	<p>Nursing Management of patients with cardiovascular problems</p>	N-AHN (I) 215: III SEM 6.1	Explain the review of anatomy and physiology of the cardio-vascular system.	Review of anatomy and physiology of cardio-vascular system			1
			N-AHN (I) 215: III SEM 6.2	Describe the Nursing Assessment: History and Physical assessment.	Nursing Assessment: History and Physical assessment			1
			N-AHN (I) 215: III SEM 6.3	Explain the Invasive & non-invasive cardiac procedures.	Invasive & non-invasive cardiac procedures.			1
			N-AHN (I) 215: III SEM 6.4	Explain the Disorders of vascular system- Hypertension, arteriosclerosis, Raynaud's disease, aneurysm and peripheral vascular disorders..	Disorders of vascular system- Hypertension, arteriosclerosis, Raynaud's disease, aneurysm and peripheral vascular disorders.			2
			N-AHN (I) 215: III SEM 6.5	Describe the Coronary artery diseases: coronary atherosclerosis, Angina pectoris, myocardial infarction	Coronary artery diseases: coronary atherosclerosis, Angina pectoris, myocardial infarction			2
			N-AHN (I) 215: III SEM 6.6	Explain Valvular disorders: congenital and acquired.	Valvular disorders: congenital and acquired			1

			N-AHN (I) 215: III SEM 6.7	Explain rheumatic heart disease: pericarditis, myocarditis, endocarditis, cardiomyopathies.	Rheumatic heart disease: pericarditis, myocarditis, endocarditis, cardiomyopathies			2
			N-AHN (I) 215: III SEM 6.8	Describe the Cardiac dysrhythmias, heart block.	Cardiac dysrhythmias, heart block			2
			N-AHN (I) 215: III SEM 6.9	Explain the congestive heart failure, corpulmonale, pulmonary edema.		Congestive heart failure, corpulmonale, pulmonary edema,		3
			N-AHN (I) 215: III SEM 6.10	Describe the Cardiogenic Shock,		Cardiogenic Shock,		2
			N-AHN (I) 215: III SEM 6.11	Describe the management of Cardiac Tamponade		Cardiac Tamponade		1
			N-AHN (I) 215: III SEM 6.12	Explain the assessment and management of Cardiopulmonary arrest			Cardiopulmonary arrest	2
<b>VII</b> <b>Nursing Management of patients with disorders of blood</b> 7(T) 3(L)	At the end of the unit students are able to <b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of hematological disorders <b>Skill:</b> Interpret blood reports	<b>Nursing Management of patients with disorders of blood</b>	N-AHN (I) 215: III SEM 7.1	Explain the Review of Anatomy and Physiology of blood	Review of Anatomy and Physiology of blood			1
			N-AHN (I) 215: III SEM 7.2	Describe the Nursing assessment: history, physical assessment & Diagnostic tests for the patient with blood disorder.	Nursing assessment: history, physical assessment & Diagnostic tests			2
			N-AHN (I) 215: III SEM 7.3	Explain the Anemia, Polycythemia .	Anemia, Polycythemia			1
			N-AHN (I) 215: III SEM 7.4	Explain the Bleeding Disorders: clotting factor defects and platelets defects, thalassemia, leukemia,		Bleeding Disorders: clotting factor defects and platelets		2

	<b>Attitude:</b> Prepare and provides health education on blood donation			leukopenia, agranulocytosis.		defects,thalassemia,leukemia,leukopenia, agranulocytosis.		
			N-AHN (I) 215: III SEM 7.5	Describe the Lymphomas, myelomas.		Lymphomas, myelomas		1
<b>VIII</b> <b>Nursing management of patients with disorders of endocrine system</b> 8(T) 2(L)	At the end o unit students are able to: <b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of endocrine disorders. <b>Skill:</b> Demonstrate skill in assessment of endocrine organ dysfunction Demonstrate skill in insulin administration <b>Attitude:</b> Create awareness about early detection and treatment of various cancers among masses. Educate people about healthy habits and life styles.	<b>Nursing management of patients with disorders of endocrine system</b>	N-AHN (I) 215: III SEM 8.1	Explain the Review of anatomy and physiology of endocrine system	Review of anatomy and physiology of endocrine system			2
			N-AHN (I) 215: III SEM 8.2	Explain the Nursing Assessment – History and Physical assessment of client with endocrine disorder.	Nursing Assessment –History and Physical assessment			2
			N-AHN (I) 215: III SEM 8.3	Explain the collaborative management of Disorders of thyroid and Parathyroid, Adrenal and Pituitary (Hyper, Hypo, tumors).	Disorders of thyroid and Parathyroid, Adrenal and Pituitary (Hyper, Hypo, tumors)			2
			N-AHN (I) 215: III SEM 8.4	Explain the collaborative management of Diabetes mellitus	Diabetes mellitus.			2
<b>IX</b> <b>Nursing management of</b>	At the end of unit students are able to: <b>Knowledge:</b>	<b>Nursing management of patients</b>	N-AHN (I) 215: III SEM 9.1	Describe the Review of anatomy and physiology of skin	Review of anatomy and physiology of skin			1

<p>patients with disorders of Integumentary system 8 (T) 2 (L)</p>	<p>Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of disorders of integumentary system <b>Skill:</b> Demonstrate skill in integumentary assessment  Demonstrate skill in medicated bath <b>Attitude:</b> Prepare and provide health education on skin care.</p>	<p>with disorders of Integumentary system:</p>	N-AHN (I) 215: III SEM 9.2	Explain the Nursing Assessment: History and Physical assessment	Nursing Assessment: History and Physical assessment			1
			N-AHN (I) 215: III SEM 9.3	Explain the Infection and infestations; Dermatitis	Infection and infestations; Dermatitis			1
			N-AHN (I) 215: III SEM 9.4	Explain the Dermatoses; infectious and Noninfectious.	Dermatoses; infectious and Non infectious			1
			N-AHN (I) 215: III SEM 9.5	Describe the Acne, Allergies, Eczema & Pemphigus.	Acne, Allergies, Eczema & Pemphigus			1
			N-AHN (I) 215: III SEM 9.6	Explain the Psoriasis, Malignant melanoma, Alopecia.	Psoriasis, Malignant melanoma, Alopecia			1
			N-AHN (I) 215: III SEM 9.7	Illustrate the Special therapies, alternative therapies in skin disorder.		Special therapies, alternative therapies		1
			N-AHN (I) 215: III SEM 9.8	Explain the drugs used in treatment of disorders of integumentary system		Drugs used in treatment of disorders of integumentary system		1

<p><b>X :</b></p> <p><b>Nursing management of patients with musculoskeletal problems</b></p> <p>16(T) 4(L)</p>	<p>At the end of unit students are able to:</p> <p><b>Knowledge:</b> Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of musculoskeletal disorders</p> <p><b>Skill:</b> Demonstrate skill in musculoskeletal assessment. Demonstrate skill in crutch walking and splinting</p> <p>Demonstrate skill in care of patient with replacement surgeries</p> <p><b>Attitude:</b> Prepare patient for radiological and non- radiological investigations of musculoskeletal system</p> <p>Prepare and provide health education on bone healing</p>	<p><b>Nursing management of patients with musculoskeletal problems</b></p>	N-AHN (I) 215: III SEM 10.1	Explain the Review of Anatomy and physiology of the musculoskeletal system .	Review of Anatomy and physiology of the musculoskeletal system			2
			N-AHN (I) 215: III SEM 10.2	Explain the Nursing Assessment: History and physical assessment, diagnostic tests .	Nursing Assessment: History and physical assessment, diagnostic tests			2
			N-AHN (I) 215: III SEM 10.3	Describe the Musculoskeletal trauma: Dislocation, fracture, sprain, strain, contusion, amputation .	Musculoskeletal trauma: Dislocation, fracture, sprain, strain, contusion, amputation			2
			N-AHN (I) 215: III SEM 10.4	Explain the Musculoskeletal infections and tumors: Osteomyelitis, benign and malignant tumour.	Musculoskeletal infections and tumors: Osteomyelitis, benign and malignant tumour			2
			N-AHN (I) 215: III SEM 10.5	Explain the use and care of Orthopedic modalities: Cast, splint, traction, crutch walking		Orthopedic modalities: Cast, splint, traction, crutch walking		1
			N-AHN (I) 215: III SEM 10.6	Describe Musculoskeletal inflammation: Bursitis, synovitis, arthritis		Musculoskeletal inflammation: Bursitis, synovitis, arthritis		1
			N-AHN (I) 215: III SEM 10.7	Explain Special therapies, alternative therapies in orthopedic care.		Special therapies, alternative therapies		2
			N-AHN (I) 215: III SEM	Describe the Metabolic bone disorder: Osteoporosis, osteomalacia and Paget's disease		Metabolic bone disorder:		1

			10.8			Osteoporosis, osteomalacia and Paget's disease		
			N-AHN (I) 215: III SEM 10.9	Describe Spinal column defects and deformities – tumor, prolapsed intervertebral disc, Pott's spine		Spinal column defects and deformities – tumor, prolapsed intervertebral disc, Pott's spine		1
			N-AHN (I) 215: III SEM 10.10	Describe the Rehabilitation, prosthesis Replacement surgeries.			Rehabilitation, prosthesis Replacement surgeries	2
<b>XI Nursing management of patients with Communicable diseases</b> 20 (T) 3 (L)	At the end of unit students are able to: Knowledge: Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with communicable diseases. Skill: Demonstrate skill in barrier and reverse barrier techniques  Demonstrate skill in execution of	<b>Nursing management of patients with Communicable diseases</b>	N-AHN (I) 215: III SEM 11.1	Describe the Overview of infectious diseases, the infectious process.	Overview of infectious diseases, the infectious process			3
			N-AHN (I) 215: III SEM 11.2	Explain the Nursing Assessment: History and Physical assessment, Diagnostic tests.	Nursing Assessment: History and Physical assessment, Diagnostic tests			3
			N-AHN (I) 215: III SEM 11.3	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with Tuberculosis.	Tuberculosis			2
			N-AHN (I) 215: III SEM 11.4	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with Diarrhoeal diseases, hepatitis A- E, Typhoid	Diarrhoeal diseases, hepatitis A- E, Typhoid			2
			N-AHN (I) 215: III SEM 11.5	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with Herpes, chickenpox, Smallpox, Measles, Mumps, Influenza.	Herpes, chickenpox, Smallpox, Measles, Mumps, Influenza			2

	different isolation protocols Attitude: prepare and provide health education to patient and family members with communicable disease.		N-AHN (I) 215: III SEM 11.6	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of patients with Meningitis.		Meningitis		
			N-AHN (I) 215: III SEM 11.7	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Gas gangrene		Gas gangrene		1
			N-AHN (I) 215: III SEM 11.8	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Leprosy		Leprosy		1
			N-AHN (I) 215: III SEM 11.9	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Dengue, Plague, Malaria, Chikungunya, swine flu, Filariasis		Dengue, Plague, Malaria, Chikungunya, swine flu, Filariasis		2
			N-AHN (I) 215: III SEM 11.10	Explain the etiology, pathophysiology, clinical manifestations, diagnostic tests, and medical, surgical, nutritional, and nursing management of Diphtheria, Pertussis, Tetanus, Poliomyelitis		Diphtheria, Pertussis, Tetanus, Poliomyelitis		2
			N-AHN (I) 215: III SEM 11.11	Explain the COVID-19 •Special infection control measures: Notification, Isolation, Quarantine, Immunization			•COVID-19 •Special infection	2

								control measures: Notificatio n, Isolation, Quarantine , Immunizat ion	
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## **CLINICAL PRACTICUM**

**CLINICAL PRACTICUM: 6 Credits (480 hours) - 18 weeks × 27 hours**

**PRACTICE COMPETENCIES:** On completion of the clinical practicum, the students will be able to apply nursing process and critical thinking in delivering holistic nursing care including rehabilitation to the adult patients undergoing surgery, with shock and fluid and electrolyte imbalance and with selected medical & surgical conditions i.e., Gastrointestinal, Respiratory, Endocrine, Orthopedic, Dermatology and Cardiovascular disorders.

The students will be competent to:

The students will be competent to:

1. Utilize the nursing process in providing care to the sick adults in the hospital:
  - a. Perform complete health assessment to establish a data base for providing quality patient care.
  - b. Integrate the knowledge of diagnostic tests in the process of data collection.
  - c. Identify nursing diagnoses and list them according to priority.
  - d. Formulate nursing care plan, using problem solving approach.
  - e. Apply scientific principles while giving nursing care to patients.
  - f. Perform nursing procedures skillfully on patients.
  - g. Establish/develop interpersonal relationship with patients and family members.
  - h. Evaluate the expected outcomes and modify the plan according to the patient needs.
2. Provide comfort and safety to adult patients in the hospital.
3. Maintain safe environment for patients during hospitalization.
4. Explain nursing actions appropriately to the patients and family members.
5. Ensure patient safety while providing nursing procedures.
6. Assess the educational needs of the patient and their family related to medical and surgical disorders and provide appropriate health education to patients.
7. Provide pre, intra and post-operative care to patients undergoing surgery.
8. Integrate knowledge of pathology, nutrition and pharmacology for patients experiencing various medical and surgical disorders.
9. Integrate evidence-based information while giving nursing care to patients.
10. Demonstrate the awareness of legal and ethical issues in nursing pra

## **NURSING MANAGEMENT OF PATIENTS WITH MEDICAL CONDITIONS**

### **A. Skill Lab**

Use of manikins and simulators

- Intravenous therapy
- Oxygen through mask
- Oxygen through nasal prongs
- Venturi mask
- Nebulization.
- Chest physiotherapy

### **B. Clinical Postings**

Clinical area/unit	Duration (weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
General medical unit	4 (Weeks)	Develop skill in intravenous injection administration and IV therapy	<ul style="list-style-type: none"> <li>Intravenous therapy</li> <li>Procedural Competencies/ Clinical Skills               <ul style="list-style-type: none"> <li>IV cannulation</li> <li>IV maintenance and monitoring</li> <li>Administration of IV medication</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Care Study</li> <li>Health education</li> <li>Clinical presentation/ Care</li> </ul>	<ul style="list-style-type: none"> <li>Assessment methods</li> <li>OSCE</li> <li>Care Study</li> </ul>
		<p>Assist with diagnostic procedures</p> <p>Develop skill in the management of patients with respiratory problems</p> <p>Develop skill in managing patients with metabolic abnormality</p>	<ul style="list-style-type: none"> <li>Care of patient with Central line</li> <li>Preparation and monitoring of patients undergoing diagnostic procedures such as thoracentesis, thoracic paracentesis</li> <li>Management of patients with respiratory problems</li> <li>Administration of oxygen through nasal prongs, venturi mask, pulse oximetry</li> <li>Nebulization</li> <li>Chest physiotherapy</li> <li>Postural drainage</li> <li>Oropharyngeal suctioning</li> <li>Care of patient with chest drainage</li> <li>Diet Planning</li> <li>High Protein diet</li> <li>Diabetic diet</li> <li>Insulin administration</li> <li>Monitoring GRBS</li> </ul>	<p>Assisting and assisting patients undergoing procedures such as Abdominal</p> <p>Assisting and assisting patients with</p> <p>Administration of oxygen through venturi mask</p> <p>Nebulization</p> <p>Chest physiotherapy</p> <p>Postural drainage</p> <p>Oropharyngeal suctioning</p> <p>Care of patient with chest</p>	<p>evaluation</p> <p>Care Note/ Clinical presentation</p>

## II. NURSING MANAGEMENT OF PATIENTS WITH SURGICAL CONDITIONS

### A. Skill Lab

#### Use of manikins and simulators

- Nasogastric aspiration
- Surgical dressing
- Suture removal
- Colostomy care/ileostomy care
- Enteral feeding

### B. Clinical Postings

General surgical wards	4	<p>Develop skill in caring for patient during pre- and post-operative period</p> <p>Assist with diagnostic procedures</p> <p>Develop skill in managing patient with Gastro-intestinal Problems</p> <p>Develop skill in wound management</p>	<ul style="list-style-type: none"> <li>• Pre-Operative care</li> <li>• Immediate Post-operative care</li> <li>• Post-operative exercise</li> <li>• Pain assessment</li> <li>• Pain Management</li> <li>• Assisting diagnostic procedure and after care of patients undergoing <ul style="list-style-type: none"> <li>○ Colonoscopy</li> <li>○ ERCP</li> <li>○ Endoscopy</li> <li>○ Liver Biopsy</li> <li>○ Nasogastric aspiration</li> <li>○ Gastrostomy/Jejunostomy feeds</li> <li>○ Ileostomy/Colostomy care</li> <li>○ Surgical dressing</li> <li>○ Suture removal</li> <li>○ Surgical soak</li> <li>○ Sitz bath</li> <li>○ Care of drain</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Care study-1</li> <li>• Health teaching</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical evaluation, OSCE</li> <li>• Care study</li> <li>• Care note/Clinical presentation</li> </ul>
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### III. NURSING MANAGEMENT OF PATIENTS WITH CARDIAC CONDITIONS

#### A. Skill Lab

Use of manikins and simulators

- Cardiovascular assessment
- Interpreting ECG
- BLS/BCLS
- CPR
- ABG analysis
- Taking blood sample
- Arterial blood gas analysis – interpretation

#### B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Clinical Skills	Competencies	Clinical Requirements	Assessment Methods
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Cardiology wards	2	<p>Develop skill in management of patients with cardiac problems</p> <p>Develop skill in management of patients with disorders of Blood</p>	<ul style="list-style-type: none"> <li>- Cardiac monitoring</li> <li>- Recording and interpreting ECG</li> <li>- Arterial blood gas analysis interpretation</li> <li>- Administer cardiac drugs</li> <li>- Preparation and after care of patients for cardiac catheterization</li> <li>- CPR</li> <li>- Collection of blood sample for: <ul style="list-style-type: none"> <li>o Blood grouping/cross matching</li> <li>o Blood sugar</li> <li>o Serum electrolytes</li> </ul> </li> <li>- Assisting with blood transfusion</li> <li>- Assisting for bone marrow aspiration</li> <li>- Application of anti-embolism stockings (TED hose)</li> <li>- Application/maintenance of sequential Compression device</li> </ul>	<ul style="list-style-type: none"> <li>• Cardiac assessment – 1</li> <li>• Drug presentation – 1</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical evaluation</li> <li>• Drug presentation</li> </ul>
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#### **IV. NURSING MANAGEMENT OF PATIENTS WITH DISORDERS OF INTEGUMENTARY SYSTEM**

##### **A. Skill Lab**

Use of manikins and simulators  
Application of topical medication

##### **B. Clinical Postings**

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Clinical Skills	Clinical Requirements	Assessment Methods
Dermatology wards	1	Develop skill in management of patients with disorders of integumentary system	<ul style="list-style-type: none"> <li>• Intradermal injection-Skin allergy testing</li> <li>• Application of topical medication</li> <li>• Medicated bath</li> </ul>		<ul style="list-style-type: none"> <li>• Clinical evaluation</li> </ul>

#### **V. NURSING MANAGEMENT OF PATIENTS WITH COMMUNICABLE DISEASES**

##### **A. Skill Lab**

- Barrier Nursing
- Reverse Barrier Nursing
- Standard precautions

##### **B. Clinical Postings**

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/ Skills	Clinical Requirements	Assessment Methods
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Isolation ward	1	Develop skill in the management of patients requiring isolation	<ul style="list-style-type: none"> <li>• Barrier Nursing</li> <li>• Reverse barrier nursing</li> <li>• Standard precautions (Universal precaution), use of PPE, needle stick and sharp injury prevention, Cleaning and disinfection, Respiratory hygiene, waste disposal and safe injection practices)</li> </ul>	• Care Note – 1	<ul style="list-style-type: none"> <li>• Clinical evaluation</li> <li>• Care note</li> </ul>
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## VI. NURSING MANAGEMENT OF PATIENTS WITH MUSCULOSKELETAL PROBLEMS

### A. Skill Lab

Use of manikins and simulators

- Range of motion exercises
- Muscle strengthening exercises
- Crutch walking

### B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
Orthopedic wards	2	Develop skill in management of patients with musculoskeletal problems	<ul style="list-style-type: none"> <li>• Preparation of patient with Myelogram/CT/MRI</li> <li>• Assisting with application &amp; removal of POP/Cast</li> <li>• Preparation, assisting and after care of patient with Skin traction/skeletal traction</li> <li>• Care of orthotics</li> <li>• Muscle strengthening exercises</li> <li>• Crutch walking</li> <li>• Rehabilitation</li> </ul>	• Care Note – 1	<ul style="list-style-type: none"> <li>• Clinical evaluation,</li> <li>• Care note</li> </ul>

## VII. NURSING MANAGEMENT OF PATIENTS IN THE OPERATING ROOMS

### A. Skill Lab

Use of manikins and simulators

- Scrubbing, gowning and gloving
- Orient to instruments for common surgeries
- Orient to suture materials
- Positioning

### B. Clinical Postings

Clinical area/unit	Duration (Weeks)	Learning Outcomes	Procedural Competencies/Clinical Skills	Clinical Requirements	Assessment Methods
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Operation theatre	4	Develop skill in caring for intraoperative patients	<ul style="list-style-type: none"> <li>• Position and draping</li> <li>• Preparation of operation table</li> <li>• Set up of trolley with instrument</li> <li>• Assisting in major and minor operation</li> <li>• Disinfection and sterilization of equipment</li> <li>• Scrubbing procedures – Gowning, masking and gloving</li> <li>• Intra operative monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Assist as circulatory nurse – 4</li> <li>• Positioning &amp; draping – 5</li> <li>• Assist as scrub nurse in major surgeries – 4</li> <li>• Assist as scrub nurse in minor surgeries – 4</li> </ul>	<ul style="list-style-type: none"> <li>• Clinical evaluation</li> <li>• OSCE</li> </ul>
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**Distribution of Non didactic hours (480 + 40= 520)**

**Practical: 480Hrs**

SR NO	Comp. no	Competency	Domain	T-L Method	Teaching Hrs
1.	N-AHN (I) 215: III SEM 6.3	Intravenous therapy <ul style="list-style-type: none"> <li>o IV cannulation</li> <li>o IV maintenance and monitoring</li> </ul> Administration of IV medication	K,S,A	Small group discussion demonstration	10hours
2.	N-AHN (I) 215: III SEM 6.3	Care of patient with Central line	K,S	Small group discussion Demonstration	10hours
3.	N-AHN (I) 215: III SEM2.9	Preparation and assisting and monitoring of patients undergoing diagnostic procedures such as thoracentesis, Abdominal paracentesis	K,S,A	Small group discussion Demonstration	16hours
4.	N-AHN (I) 215: III SEM 6.3	• Administration of oxygen through mask, nasal prongs, venturi mask	K,S	Small group discussion Demonstration	10hours
5.	N-AHN (I) 215: III SEM 4.1	<ul style="list-style-type: none"> <li>• Pulse oximetry</li> <li>• Nebulization</li> <li>• Chest physiotherapy</li> <li>• Postural drainage</li> <li>• Oropharyngeal suctioning</li> </ul>	K,S	Small group discussion Demonstration	16hours
6.	N-AHN (I) 215: III SEM 4.9	• Care of patient with chest drainage	K,S,A	Small group discussion Demonstration	16hours
7.	N-AHN (I) 215: III SEM 8.4	<ul style="list-style-type: none"> <li>• Diet Planning <ul style="list-style-type: none"> <li>o High Protein diet</li> <li>o Diabetic diet</li> </ul> </li> </ul>	K,S	Small group discussion Demonstration	10hours
8.	N-AHN (I) 215: III SEM 8.4	• Insulin administration	K,S	Small group discussion Demonstration	5hours
9.	N-AHN (I) 215: III SEM 8.4	• Monitoring GRBS	K,S	Small group discussion	10 hours
10.	N-AHN (I) 215: III SEM 2.1	<ul style="list-style-type: none"> <li>• Pre-Operative care</li> <li>• Immediate Post-operative care</li> </ul>	K,S	Small group discussion	10hours
11.	N-AHN (I) 215: III SEM 2.1	• Post-operative exercise	K,S	Small group discussion	10hours
12.	N-AHN (I) 215: III SEM3.3	• Pain assessment	K,S	Small group discussion	16hours

				Demonstration	
13.	N-AHN (I) 215: III SEM3.3	• Pain Management	K,S	Small group discussion Demonstration	5hours
14.	N-AHN (II) 225: IV SEM 3.1	• Assisting diagnostic procedure and after care of patients undergoing ○ Colonoscopy ○ ERCP ○ Endoscopy Liver Biopsy	K,S	Small group discussion Demonstration	16hours
15.	N-AHN (I) 215: III SEM 5.6	Nasogastric aspiration	K,S	Small group discussion Demonstration	8hours
16.	N-AHN (I) 215: III SEM 5.13	Gastrostomy/Jejunostomy feeds	K,S	Small group discussion Demonstration	5hours
17.	N-AHN (I) 215: III SEM 5.5	Ileostomy/Colostomy care	K,S	Small group discussion Demonstration	5hours
18.	N-AHN (I) 215: III SEM 1.4	Surgical dressing	K,S	Small group discussion Demonstration	5 hours
19.	N-AHN (I) 215: III SEM1.4	Suture removal	K,S	Small group discussion Demonstration	8Hrs
20.	N-AHN (I) 215: III SEM1.4	Surgical soak	K,S	Small group discussion Demonstration	5Hrs
21.	N-AHN (I) 215: III SEM1.4	Sitz bath	K,S	Small group discussion Demonstration	5Hrs
22.	N-AHN (I) 215: III SEM1.4	Care of drain	K,S	Small group discussion Demonstration	5Hrs
23.	N-AHN (I) 215: III SEM 6.2	<input type="checkbox"/> Cardiac monitoring	K,S	Small group discussion Demonstration	5Hrs
24.	N-AHN (I) 215: III SEM 6.2	<input type="checkbox"/> Recording and interpreting ECG	K,S	Small group discussion Demonstration	5Hrs
25.	N-AHN (I) 215: III SEM 6.3	<input type="checkbox"/> Arterial blood gas analysis – interpretation	K,S	Small group discussion Demonstration	5Hrs
26.	N-AHN (I) 215: III SEM 6.3	<input type="checkbox"/> Administer cardiac drugs	K,S	Small group discussion Demonstration	5Hrs
27.	N-AHN (I) 215: III SEM 6.3	<input type="checkbox"/> Preparation and after care of patients for cardiac catheterization	K,S	Small group discussion Demonstration	5Hrs
28.	N-AHN (I) 215: III SEM 6.12	<input type="checkbox"/> CPR	K,S	Small group discussion Demonstration	5Hrs
29.	N-AHN (I) 215: III SEM 3.1	<input type="checkbox"/> Collection of blood sample for: ○ Blood grouping/cross matching ○ Blood sugar ○ Serum electrolytes	K,S	Small group discussion Demonstration	5Hrs
30.	N-AHN (I) 215: III SEM 7.4	<input type="checkbox"/> Assisting with blood transfusion	K,S	Small group discussion	5Hrs

				Demonstration	
31.	N-AHN (I) 215: III SEM 7.2	▮ Assisting for bone marrow aspiration	K,S	Small group discussion Demonstration	5Hrs
32.	N-AHN (I) 215: III SEM 6.3	▮ Application of anti-embolism stockings (TED hose)	K,S	Small group discussion Demonstration	5Hrs
33.	N-AHN (I) 215: III SEM 6.3	Application/maintenance of sequential Compression device	K,S	Small group discussion Demonstration	4Hrs
34.	N-AHN (I) 215: III SEM9.8	Intradermal injection-Skin allergy testing	K,S	Small group discussion Demonstration	5Hrs
35.	N-AHN (I) 215: III SEM9.8	Application of topical medication	K,S	Small group discussion Demonstration	5Hrs
36.	N-AHN (I) 215: III SEM9.7	Medicated bath	K,S	Small group discussion Demonstration	7Hrs
37.	N-AHN (I) 215: III SEM 11.11	<ul style="list-style-type: none"> <li>• Barrier Nursing</li> <li>• Reversebarriernursing</li> </ul>	K,S	Small group discussion Demonstration	10Hrs
38.	N-AHN (I) 215: III SEM 11.11	Standard precautions (Universalprecaution), use of PPE, needlestick and sharp injury prevention,Cleaning and disinfection,Respiratory hygiene, wastedisposal and safe injectionpractices)	K,S	Small group discussion Demonstration	10Hrs
39.	N-AHN (I) 215: III SEM10.2	<ul style="list-style-type: none"> <li>• Preparation of patient with Myelogram/CT/MRI</li> </ul>	K,S	Small group discussion Demonstration	4Hrs
40.	N-AHN (I) 215: III SEM10.5	<ul style="list-style-type: none"> <li>• Assisting with application &amp; removal of POP/Cast</li> </ul>	K,S	Small group discussion Demonstration	5Hrs
42.	N-AHN (I) 215: III SEM10.5	Preparation, assisting and after care of patient with Skin traction/skeletal traction	K,S	Small group discussion Demonstration	10Hrs
43.	N-AHN (I) 215: III SEM10.5	<ul style="list-style-type: none"> <li>• Care of orthotics</li> </ul>	K,S	Small group discussion Demonstration	5Hrs
44	N-AHN (I) 215: III SEM10.10	<ul style="list-style-type: none"> <li>• Muscle strengthening exercises</li> </ul>	K,S	Small group discussion Demonstration	8Hrs
45.	N-AHN (I) 215: III SEM10.5	<ul style="list-style-type: none"> <li>• Crutch walking</li> </ul>	K,S	Small group discussion Demonstration	8Hrs
46.	N-AHN (I) 215: III SEM10.10	<ul style="list-style-type: none"> <li>• Rehabilitation orthopedic</li> </ul>	K,S	Small group discussion Demonstration	8Hrs
47.	N-AHN (I) 215: III SEM2.2	<ul style="list-style-type: none"> <li>• Position and draping</li> </ul>	K,S	Small group discussion Demonstration	8Hrs
48.	N-AHN (I) 215: III SEM 2.1	<ul style="list-style-type: none"> <li>• Preparation of operation table</li> </ul>	K,S	Small group discussion Demonstration	5Hrs
49.	N-AHN (I) 215: III SEM2.3	<ul style="list-style-type: none"> <li>• Set up of trolley with instrument</li> </ul>	K,S	Small group discussion Demonstration	15Hrs



50.	N-AHN (I) 215: III SEM2.5	• Assisting in major and minor operation	K,S	Small group discussion Demonstration	30Hrs
51.	N-AHN (I) 215: III SEM2.4	• Disinfection and sterilization of equipment	K,S	Small group discussion Demonstration	10Hrs
52.	N-AHN (I) 215: III SEM2.6	• Scrubbing procedures – Gowning, masking and gloving	K,S	Small group discussion Demonstration	10Hrs
53.	N-AHN (I) 215: III SEM2.7	Intra operative monitoring	K,S	Small group discussion Demonstration	1Hrs
		<b>Total</b>			<b>424hrs</b>

### BCLS Module

2	N-AHN (I) 215: III SEM 6.12	BCLS Module	K,S	Small group discussion Demonstration	40 Hrs
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### Tutorials (10 Hrs)

Sr. No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N-AHN (I) 215: III SEM4.7	Pneumonia	K	Tutorials	1 hour
2.	N-AHN (I) 215: III SEM 4.4	Chronic obstructive pulmonary diseases	K	Tutorials	1 hour
3.	N-AHN (I) 215: III SEM 7.3	Anemia,	K	Tutorials	1 hour
4.	N-AHN (I) 215: III SEM10.3	Fracture,	K	Tutorials	1 hour
5.	N-AHN (I) 215: III SEM 5.7	Peptic ulcer	K	Tutorials	1 hour
6.	N-AHN (I) 215: III SEM 6.4	Hypertension,	K	Tutorials	1 hour
7.	N-AHN (I) 215: III SEM 5.5	Perforation & Peritonitis	K	Tutorials	1 hour
8.	N-AHN (I) 215: III SEM 6.7	Rheumatic heart disease;	K	Tutorials	1 hour
9.	N-AHN (I) 215: III SEM 6.5	Coronary artery diseases	K	Tutorials	1 hour
10.	N-AHN (I) 215: III SEM 11.3	Tuberculosis	K	Tutorials	1 hour
<b>Total</b>					<b>10 hours</b>

### Integration/MPBL- 6 Hrs

Sr. No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1	N-AHN (I) 215: III SEM 8.4	Diabetes mellitus	K	Lecture cum discussion	6 hour

2	N-AHN (I) 215: III SEM 3.1	Electrolyte imbalance	K	Lecture cum discussion	
3	N-AHN (I) 215: III SEM 3.2	Shock	K	Lecture cum discussion	

### Skill Lab (40Hrs) Use of Mannequins and Simulators

No	Comp. no	TOPIC	Domain	T-L Method	Teaching Hrs
1.	N-AHN (I) 215: III SEM1.4	Wound care and dressing technique	K,S	Small group discussion and demonstration	2hour
2.	N-AHN (I) 215: III SEM1.4	Medical and surgical asepsis	K,S,A	Small group discussion and demonstration	2hour
3.	N-AHN (I) 215: III SEM2.6	Scrubbing procedures – Gowning, masking and gloving	K,S	Small group discussion and demonstration	2hour
4.	N-AHN (I) 215: III SEM2.4	Disinfection and sterilization of equipment	K,S	Small group discussion and demonstration	2hour
5.	N-AHN (I) 215: III SEM 3.1	Management Fluid and electrolyte imbalance	K,S	Small group discussion , Case scenario, and demonstration	2hour
6.	N-AHN (I) 215: III SEM 4.1	Nursing Assessment – history taking, physical assessment respiratory examination	K,S	Small group discussion ,case scenario and demonstration	2hour
7.	N-AHN (I) 215: III SEM4.9	Management of Chest Injuries	K,S	Small group discussion , case scenario and demonstration	2hour
8.	N-AHN (I) 215: III SEM5.13	Gastric decompression, gavage, and stoma care	K,S	Small group discussion and demonstration	2hour
9.	N-AHN (I) 215: III SEM5.13	Different feeding techniques	K,S,A	Small group discussion and demonstration	2hour
10.	N-AHN (I) 215: III SEM 6.2	Cardiovascular Assessment	K,S	Small group discussion ,case scenario and demonstration	1hour
11.	N-AHN (I) 215: III SEM 7.2	physical assessment & Diagnostic tests for the patient with blood disorder	K,S	Small group discussion and demonstration	2hour
12.	N-AHN (I) 215: III SEM 8.2	Physical assessment of client with endocrine disorder.	K,S	Small group discussion and demonstration	1hour
13.	N-AHN (I) 215: III SEM 8.4	Insulin Administration	K,S	Small group discussion and demonstration	1hour
14.	N-AHN (I) 215: III SEM 9.2	Integumentary assessment	K,S	Small group discussion and demonstration	1hour
15.	N-AHN (I) 215: III SEM9.7	Medicated Bath	K,S	Small group discussion and demonstration	2hour
16.	N-AHN (I) 215: III SEM 10.2	Musculoskeletal Assessment	K,S,A	Small group discussion and demonstration	1hour
17.	N-AHN (I) 215: III SEM10.5	Crutch Walking And Splinting	K,S,A	Small group discussion and demonstration	1hour
18.	N-AHN (I) 215: III SEM10.10	<b>Care Of Patient With Replacement Surgeries</b>	K,S	Small group discussion and demonstration	2hour
19.	N-AHN (I) 215: III SEM 11.11	Barrier And Reverse Barrier Techniques	K,S	Small group discussion and demonstration	2hour

20.	N-AHN (I) 215: III SEM 6.2	Cardiac monitoring	K,S	Small group discussion and demonstration	1hour
21.	N-AHN (I) 215: III SEM 6.12	CPR	K,S	Small group discussion and demonstration	2hour
22	N-AHN (I) 215: III SEM 6.3	Preparation and after care of patients for cardiac catheterization	K,S,A	Small group discussion and demonstration	1hour
23	N-AHN (I) 215: III SEM10.5	Assisting with application & removal of POP/Cast	K,S,A	Small group discussion and demonstration	2hour
24	N-AHN (I) 215: III SEM 6.3	Central & Peripheral line Pacemaker	K,S	Small group discussion and demonstration	2hour
		<b>Total</b>			<b>40hrs</b>

#### TEACHING STRATEGY:

**Total Hours: 660, Theory Hours: 140, Skill lab: 40 hours, Clinical/Practical Hours: 480 hours**

#### Theory

**Continuous Assessment: 10 Marks**

Sr. No	Assignments	Percentage of Attendance required	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number of assignments required	Marks	Total Marks allotted
2	Written Assignments	2	2X5	10
i		1	1X20	20
ii		1	1x20	20
3	Seminar/Microteaching/Individual presentation	2	2x6	12
4	Group work/Work/Report	1	1x6	06
5	<b>Mandatory Module : BCLS</b>	<b>1</b>	<b>1x10</b>	<b>10</b>
Total				40/4=10Marks

**Note: If there is mandatory module in that semester, marks obtained by student out of 10 can be added to 30**

totaling 40 marks.

## PRACTICAL

**Continuous assessment: 20 marks** (Double the weightage as 20 marks for continuous assessment)

Sr. No	Assignments	Percentage of Attendance	Allotted marks	Total Marks for attendance
1	Attendance	95-100%	2	2 marks
		90-94%	1.5	
		85-89%	1	
		80-84%	0.5	
		<80%	0	
		Number assignments	Marks	Total Marks
2	Clinical presentation(Pressure soreassessment( Individual teaching)	3x20	60	10marks
i		1x20		
ii		1x20		
iii		1x20		
3	Drug presentation and report	2x20	40	
i		1x20	20	
ii		1x20	20	
4	Case study report/Name of the case	5x20	100	
i		1x20		
ii		1x20		
iii		1x20		
iv		1x20		
v		1x20		
5	Continuous evaluation of clinical performance	01	10marks	10marks
6	End of posting OSCE	01	05marks	05marks
7	Completion of procedures and clinical requirements		03marks	03marks
Total				30/3=10

**Note:** For Adult Health Nursing I, Adult Health Nursing II, Community Health Nursing I & Community Health Nursing II, the marks can be calculated as per weightage. Double the weightage as 20 marks for continuous assessment and 30 for sessional exams.

## Formative assessment

Name of the Institute: SRMM College of Nursing

Name of Examination: Third Semester B.Sc. Nursing

Semester III/Sessional I: Adult Health Nursing -I

N-AHN(I)215: III -SEM/Primary/2021-2025

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=30
Essay/Situation type (2) 1/2	(2) Level-I-1 Level-II-1			10Mx1=10M
Short(3) 2/3	(2) Level I-1 Level II-1	(1) Level I-1		5Mx2=10M
Very Short (4) 3/4	(2) Level I-1 Level II-1	(1) Level I-1	(1) Level-I-1	2Mx3=6M
MCQ (4) 4/4	(2) Level I-1 Level II-1	(1) Level I-1	(1) Level-1	1Mx4=4M

About 60:30:10 (MK:DK:NK) Level of Learning 80:20	<b>Total =30</b>
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**Name of the Institute: SRMM College of Nursing**

**Name of Examination: Third Semester Basic B.Sc. Nursing**

**Semester III/Sessional II: Adult Health Nursing –I**

N-AHN(I)215: III –SEM/Primary/2021-2025

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=75
Essay/Situation type (4) 2/4	(4) Level-I-2 Level-II-2			15Mx2=30M
Short(6) 5/6	(3) Level I-2 Level II-1	(2) Level I-1 Level II-1	(1) Level I-1	5Mx5=25
Very Short (5) 4/5	(3) Level I-2 Level II-1	(1) Level I-1	(1) Level-I-1	4Mx2=8M
MCQ(12) 12/12	(7) Level I-5 Level II-2	(4) Level I-3 Level II-1	(1) Level-1	12Mx01=12M
About 60:30:10 (MK:DK:NK) Level of Learning 80:20				<b>Total =75 Marks</b>

**1. Formative Assessment: Practical**

**a. Practical: Sessional examinations: II**

Exam pattern	Sessional examination I	Total
OSCE	10 marks	30Marks
DOP (Directly observed practical in clinical setting)	20marks	

**b. Practical: Sessional examinations: II**

Exam pattern	Sessional examination II	Total
OSCE	10 marks	30 Marks
DOP (Directly observed practical in the clinical setting)	20marks	

**Name of the Institute: SRMM College of Nursing**

**Name of Examination: Third Semester Basic B.Sc. Nursing**

**Semester III/University examination: Adult Health Nursing –I**

**N-AHN(I)215: III –SEM/Primary/2021-2025**

	Must to Know (MK)	Desirable to know (DK)	Nice to know (NK)	Marks=75
Essay/Situation type (4) 2/4	(4) Level-I-2 Level-II-2			15Mx2=30M
Short(6) 5/6	(3) Level I-2 Level II-1	(2) Level I-1 Level II-1	(1) Level I-1	5Mx5=25
Very Short (5) 4/5	(3) Level I-2 Level II-1	(1) Level I-1	(1) Level-I-1	4Mx2=8M
MCQ(12) 12/12	(7) Level I-5 Level II-2	(4) Level I-3 Level II-1	(1) Level-1	12Mx01=12M
About 60:30:10 (MK:DK:NK) Level of Learning 80:20				<b>Total =75 Marks</b>

b. Practical:

Method of assessment	Allotted marks	Total marks
OSCE	15	50 Marks
DOP	35	



## **Recommended Books**

### **TEXT BOOKS:**

- Text book of Medical Surgical Nursing –Brunner and Suddarth
- Medical Surgical Nursing –Clinical Positive outcome-Joyce and Black
- Medical Surgical Assessment and Management of clinical problems –Lewis ,Colliner
- Medical Surgical Nursing –A Psychopathologic Approach –Luckmann and Sorensen
- Medical Surgical Nursing –A Nursing process Approach
- Medical Surgical nursing –B.T.Basvanthappa
- Medical Surgical Nursing an integrated approach;-White L,Delmar
- Moroneys Surgery for nurses –Colmer
- API Textbook of Medicine :-Shah N.S
- Pharmacology and Pharmacotherapeutics-SatoskarR.S.Bhandarkar
- Fundamental of Operation theatre Services –Datta T.K
- Essentials of Orthopaedics:-Maheshwari
- Illustrated Textbook of Dermatology-ParischaJ.S.,Gupta
- Davidsons Principles and Practice of Medicine –Haslett C,Chilvers E.

### **Journals:**

- IndianJournalofMedical-SurgicalNursing(IJMSN),
- Americanjournalofnursing
- International Journal of Medical Surgical Nursing
- Medical surgical nursing journal



