



Syllabus-2019-2020

(SONS)(BSc_Nursing)

















Title of the Course	Anatomy and Physiology
Course Code	BNSG 101









Part A

Year	1st	Semester	1st	Credits	L	T	P	C
					6	0	0	6
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	1. The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2. The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands.(BL1-Remember)</p> <p>CO2- understand the ability to interpret and restate anatomy and physiology concepts in relation to nursing environment.(BL2-Understand)</p> <p>CO3- apply, examine and determine the structure of the organs and body system.(BL3-Apply)</p> <p>CO4- analyze and calculate the heart-rate, pulse rhythm, and other body'ssystem and organs anatomical concepts etc.(BL4-Analyze)</p> <p>CO5- evaluate, detect how the organ structure and can argue or debating onthat and different concepts of the anatomy and physiology.(BL5-Evaluate)</p>							
Coures Elements	Skill Development ✕ Entrepreneurship ✕ Employability ✕ Professional Ethics ✕ Gender ✕ Human Values ✕ Environment ✕		SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction to Anatomical terms and organization of the human body o Human cell structure. o Tissues – Definition, types, characteristics, classification, location, functions and formation. o Membranes and glands – classification and structure. Alterations in disease. Application and implications in nursing.	Lecture cum discussion, Lecture cum Discussion  Use of models  Video demonstration/Slides	8
Unit 2	The Skeletal System. o Bones- types, structure, axial & appendicular skeleton, o Bone formation and growth. o Description of bones. o Joints – classification and structure. Alterations in disease. Applications and implications in nursing.	Lecture cum discussion, Lecture cum Discussion  Use of models  Video demonstration/Slides	6
Unit 3	The Muscular System. Types and structure of muscles. Muscles groups. Alterations in disease. Applications and implications in nursing.	Lecture cum discussion, Lecture cum Discussion  Use of models  Video demonstration/Slides	6
Unit 4	The Nervous System. o Structure of neuralgia & neurons. o Somatic Nervous system.  Structure of brain, spinal cord, cranial nerves, spinal nerves, peripheral nerves. o Autonomic Nervous System – sympathetic, parasympathetic.  Structure, location. Alterations in disease. Applications and implications in nursing.	Lecture cum discussion, Lecture cum Discussion  Use of models  Video demonstration/Slides	4
Unit 5	The Sensory Organs o Structure of skin, eye, ear, nose, tongue, (Auditory and olfactory apparatus). Alterations in disease. Applications and implications in nursing.	Lecture cum Discussion  Models  Video/ Slides, Anatomical Torso	4
Unit 6	Circulatory and lymphatic system. • The Circulatory system.  Blood – Microscopic structure.  Structure of Heart.  Structure of blood vessels – Arterial & Venous System.  Circulations: Systemic, pulmonary, coronary.  Lymphatic system.  Lymphatic vessels and lymph. • Lymphatic tissues.  lymphatic vessels and lymph  Lymphatic tissues - Thymus gland - Lymph nodes. - Spleen. - Lymphatic nodules Alterations in disease. Applications and implications in nursing.	Lecture cum Discussion  Models  Video/ Slides, Anatomical Torso	8
Unit 7	The Respiratory System. o Structure of the organs of respiration. o Muscles of respiration: Intercostals and Diaphragm. Alterations in disease. Applications and implications in nursing.	Lecture cum Discussion  Models  Video/ Slides, Anatomical Torso	6
Unit 8	The Digestive System o Structure of Alimentary tract and accessory organs of	Lecture cum Discussion  Models  Video/ Slides, Anatomical Torso	8

	digestion. Alterations in disease. Applications and implications in nursing.		
Unit 9	The Excretory System (Urinary) o Structure of organs of urinary System: Kidney, ureters, urinary bladder, urethra, structure of skin. Alterations in disease. Applications and implications in nursing.	Lecture cum Discussion  Models  Video/ Slides, Anatomical Torso	4
Unit 10	The Endocrine System. o Structure of Pituitary, Pancreas, thyroid, Parathyroid, thymus and adrenal glands. Alterations in disease. Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	4
Unit 11	The Reproductive system including breast. o Structure of female reproductive organs. o Structure of male reproductive organs. o Structure of breast. Alterations in disease. Applications and implications in nursing.	Lecture cum Discussion  Models  Video/ Slides	4
Unit 12	Cell Physiology • Tissue-formation, repair • Membranes & glands – functions Alterations in disease Application and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	4
Unit 13	Skeletal System • Bone formation & growth • Bones – Functions and movements of bones of axial and appendicular skeleton, bone healing • Joint and joint movement Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	6
Unit 14	Muscular System • Muscle movements, muscle tone, physiology of muscle contraction, levels and maintenance of posture Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	6
Unit 15	Nervous system • Functions of Neuralgia & neurons • Stimulus & nerve – impulse – definitions and mechanism • Functions of brain, spinal cord, cranial and spinal nerves • Cerebrospinal fluid – composition, circulation and function • Reflex arc, Reflex action and reflexes • Autonomic functions— o Pain: somatic, visceral, and referred o Autonomic learning and biofeedback Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	8
Unit 16	• Blood formation, composition, blood groups, blood coagulation • Hemoglobin: Structure, Synthesis and breakdown, Variation of molecules, estimation • Functions of Heart, Conduction, Cardiac cycle, circulation--- principles, Control, factors influencing BP and Pulse Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	6

Unit 17	The Respiratory System • Functions of respiratory organs • Physiology of respiration • Pulmonary ventilation Volume • Mechanics of respiration • Gaseous exchange in lungs • Carriage of oxygen & carbon- dioxide • Exchange of gases in tissues • Regulation in disease Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	6
Unit 18	The Digestive System • Functions of organs of digestive tract. Movements of alimentary tract, Digestion in mouth, stomach, small intestines, Large intestines, Absorption of food. Functions of liver, gall bladder and pancreas • Metabolism of carbohydrates, protein and fat	Lecture cum Discussion  Models  Video/ Slides	8
Unit 19	The Excretory System • Functions of kidneys, ureters, urinary bladder & urethra • Composition of urine • Mechanism of urine formation • Functions of skin • Regulation of body temperature • Fluid and electrolytes balance Alterations in disease Applications and implications in nursing	Lecture cum Discussion  Models  Video/ Slides	4
Unit 20	The sensory Organs • Functions of skin, eye, ear, nose, tongue Alterations in disease Applications and implications in nursing X. The Endocrine System • Functions of pituitary, pineal body ,thymus, Thyroid, parathyroid, pancreas, Suprarenal, Placenta and ovaries & Testes Alterations in disease Applications and implications in nursing. XI. The Reproductive System • Reproductions of cells DNA, Mitosis, Meosis, spermatogenesis, oogenesis. • Functions of female reproductive organs, functions of breast, Female sexual cycle. • Introduction to embryology. • Functions of male reproductive organs, Male functions in reproduction, Male fertility system, Alteration in disease Application and implication in nursing	Lecture cum Discussion  Models  Video/ Slides	4

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Tortora, G. J., & Derrickson, B. (2007). Principles of anatomy and physiology (11th ed.). John Wiley & Sons.
Articles	Anatomy and physiology of respiratory system relevant to anaesthesia - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4613399/
References Books	Watson, R. (2000). Anatomy and physiology for nurses (11th ed.). Harcourt Publishers Ltd.
MOOC Courses	https://www.coursera.org/specializations/anatomy
Videos	Types of Tissue - https://www.youtube.com/watch?v=oe-Z9t0KBfU

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	1	1	-	-	1	-	-	-	-	-	1	1
CO2	1	1	2	-	-	-	-	-	-	-	-	-	1	-	-
CO3	-	1	-	1	-	-	-	1	-	-	-	-	-	-	1
CO4	2	2	1	-	-	-	-	-	-	-	-	-	-	-	-
CO5	2	2	-	1	-	1	-	1	-	-	-	-	-	1	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020





(SONS)(BSc_Nursing)

Title of the Course	Psychology
Course Code	BNSG 102

Part A

Year	1st	Semester	1st	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	1. The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2. The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Identify the importance of psychology in individual and professional life(BL1-Remember) CO2- Develop understanding of the biological and psychological basis of human behaviour(BL2-Understand) CO3- Identify the cognitive and affective needs of clients.(BL3-Apply) CO4- Integrate the principles of motivation and emotion in performing the role of nurse in caring for emotionally sick client.(BL4-Analyze)							
Courses Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✗ Professional Ethics ✓ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction:- • History and origin. • Definitions, scope and Schools of Psychology. • Methods of Psychology. • Relevance to nursing.	Lecture cum discussion	2
Unit 2	Biology of behavior • Body mind relationship – modulation process in health and illness. • Genetics and Behavior: Heredity and Environment. • Brain and Behavior Relationship: Nervous System, Neurons and synapse. • Association Cortex, Rt and Lt Hemispheres. • Psychology of Sensations. • Muscular and glandular controls of behavior. • Nature of behavior of an organism/ Integrated responses.	Lecture cum discussion	4
Unit 3	Cognitive processes. • Attention: Meaning, types, determinants, duration and degree alternations. • Perception: Meaning, principles, determinants, errors. • Learning: Meaning, process, types, learner and learning, determinants, laws and theories, process, transfer, Reinforcement – Definition, type, schedule. • Memory: meaning, types, nature factors influencing, development theories and methods of memorizing and forgetting • Thinking: Types and levels, stages of development, relationship with language and communication. • Intelligence: Meaning, classification, uses, theories. • Aptitude: concepts, types, individual differences and variability • Psychometric assessments of cognitive processes. • Alterations in cognitive processes. • Applications.	Lecture cum discussion & Group discussion	20
Unit 4	Motivation and emotions Processes. • Motivation: Meaning, concepts, types, theories, motives and behaviour, conflicts and Frustration, conflict resolution. • Emotions and stress.  Emotions: Definition, components, changes in emotions, theories, emotional adjustments, emotions in health and illness.  Stress: Stressors, cycle, effect, adaptation and coping mechanism. • Attitude: Meaning, nature, development, factors affecting,  Behavior and attitudes  Attitudinal change • Psychometric assessments of emotions and attitudes • Alterations in emotions •	Lecture cum discussion, Role play, case discussion & Demonstration	8

	Applications.		
Unit 5	Personality • Definitions, topography, types, theories. • Psychometric assessments of personality. • Alterations in personality • Applications	Lecture cum discussion & Demonstration	7
Unit 6	Developmental psychology • Psychology of people at different ages from infancy to old age. • Psychology of vulnerable individuals – challenged, women, sick etc. • Psychology of groups	Lecture cum discussion & case discussion	7
Unit 7	Mental Hygiene and Mental Health. • Concepts of mental hygiene and mental health. • Characteristics of mentally healthy person. • Warning signs of poor mental health. • Promotive and Preventive mental health – strategies and services. • Ego defence mechanisms and implications • Personal and social adjustments • Guidance and counseling • Role of nurse.	Lecture cum discussion, role play, Demonstration & case discussion	8
Unit 8	Psychological assessment and tests • Types, development, characteristics, principles, uses, interpretations and role of nurse in psychological assessment.	Lecture cum discussion & Demonstration	4

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 3	Psychometric assessments of cognitive processes.	Case Study	BL3-Apply	1
Unit 4	Psychometric assessments of emotions and attitude	Case Study	BL3-Apply	2
Unit 6	Psychology of vulnerable individuals – challenged, women, sick etc.	Case Study	BL4-Analyze	1

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Morgan, C. T., King, R. A., Weisz, J. R., & Schopler, J. (2005). Introduction to psychology (7th ed.). Tata McGraw Hill Company Ltd.
Articles	How Personality Impacts Our Daily Lives - https://www.verywellmind.com/what-is-personality-2795416
References Books	Bhatia, & Craig. (2003). Elements of psychology and mental hygiene for nurses in India (26th impression). Orient Longman Pvt. Ltd.
MOOC Courses	https://www.my-mooc.com/en/mooc/positive-psychology
Videos	Personality Disorders- https://www.youtube.com/watch?v=4E1JiDFxFGk

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	-	1	-	-	-	2	-	-
CO2	2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CO3	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-
CO4	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	English
Course Code	BNSG 103

Part A

Year	1st	Semester	1st	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	1. The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2. The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Apply the concepts and principles of English Language use in professional development to enhance the employability (BL1-Remember) CO2- Converse effectively, appropriately and timely within the given context and the individual or team they are communicating with either face to face or by other means(BL2-Understand) CO3- Enhance expressions through writing skills.(BL3-Apply)							
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)		SDG4(Quality education) SDG8(Decent work and economic growth)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Review of grammar • Remedial study of grammar • Building Vocabulary • Phonetics • Public speaking	Lecture cum discussion & Demonstration	10
Unit 2	• Read and comprehend prescribed course books	Group Discussion	30
Unit 3	Various forms of composition o Letter writing o Note taking o Précis writing o Nurses notes o Anecdotal records o Diary writing o Reports on health problems etc. o Resume/ CV	Group discussion, discussion on written reports & documents	10
Unit 4	Spoken English o Oral report o Discussion o Debate o Telephonic conversation	Debates, Seminar, Panel discussion & Seminar	6
Unit 5	Listening Comprehension o Media, audio, video, speeches etc	Group discussion	4

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 3	Nurses notes o Anecdotal records	Case Study	BL3-Apply	2
Unit 2	Reports on health problems	Seminar	BL3-Apply	2
Unit 3	Telephonic conversation	Role Play	BL4-Analyze	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Kumar P. S. (2010). English for Nursing Students. (1st ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
Articles	Anecdotal Records- https://www.jstor.org/stable/26788997
References Books	Padmavathi M. (2016). Facilitating Effective Communication in English for Nurses. (2nd ed.). Bangalore, India: Emmess.
MOOC Courses	https://www.coursera.org/specializations/improve-english
Videos	42 sounds of Jolly Phonics - https://www.facebook.com/watch/?v=1704737983305002

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	-	-	-	-	-	-	1	-	-	-	-	1	-
CO2	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-
CO3	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Nursing Foundation*
Course Code	BNSG 104 [P]

Part A

Year	1st	Semester	1st	Credits	L	T	P	C
					0	0	5	5
Course Type	Embedded theory and field work							
Course Category	Foundation core							
Pre-Requisite/s	1.The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2.The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe the concepts of health, health-illness continuum & health care delivery system(BL1-Remember)</p> <p>CO2- Perform health assessment following proper sequence and provide basic nursing care to patient using universal precautions with proper documentation to build up employability.(BL3-Apply)</p> <p>CO3- Implement the theoretical knowledge in clinical settings and prepare and implement nursing care plan for assigned patient based on nursing process(BL4-Analyze)</p> <p>CO4- Abide by the code of ethics and professional conduct(BL5-Evaluate)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG12(Responsible consumption and production) SDG17(Partnerships for the goals)			

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Hospital Admission and discharge Admission Prepare unit for new patient Prepare admission bed Performs admission procedure New patient Transfer in Prepare patient records Discharge/Transfer out Gives discharges counseling Perform discharge procedure (Planned discharge, LAMA and abscond, Referrals and transfer) Prepare records of discharge/transfer Dismantle, and disinfect unit and equipment after discharge/transfer Perform Assessment History taking, Nursing diagnosis, problem list, prioritization, Goals & Expected Outcomes, selection of interventions Write nursing care plan Gives care as per the plan Communication Use verbal and non verbal communication techniques Prepare a plan for patient teaching session	Field work	BL3-Apply	162
Unit 2	Write patient report Change – shift reports, Transfer reports, Incident reports etc. Presents patient report, Health Assessment Health history taking Perform assessment: General Body systems Use various methods of physical examination Inspection, Palpation, Percussion, Auscultation, Olfaction Identification of system wise deviations, Prepare Patient's Unit: Prepare beds: Open, closed, occupied, operation, amputation Cardiac, fracture, burn, Divided, Fowlers, renal bed Pain assessment and provision for comfort Use comfort devices Hygienic care: Oral hygiene: Baths and care of pressure points Hair wash, Pediculosis treatment	Field work	BL3-Apply	162

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Part E

Books	Potter A. P. & Anne G. P. (2009). Fundamentals of Nursing Concepts-Process and Practice. New Delhi, India: Mosby.
Articles	Florence Nightingale's Environmental Theory and its influence on contemporary infection control - https://www.sciencedirect.com/science/article/pii/S1322769620301347
References Books	Christensen B. L. & Kockrow O. E. (2011). Foundations of Nursing. New Delhi, India: Mosby Elsevier.
MOOC Courses	https://www.my-mooc.com/en/mooc/the-impact-of-nursing
Videos	Unoccupied Bed Making - https://www.youtube.com/watch?v=rOH2qF3EtKA

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	-	3	3	-	3	2	-	3	2	-	-	3
CO2	3	3	-	2	2	2	2	-	2	2	-	3	3	3	-
CO3	2	2	-	3	-	3	-	3	-	3	2	-	2	2	-
CO4	2	-	3	-	-	3	-	2	3	-	2	3	-	-	2
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020













(SONS)(BSc_Nursing)

Title of the Course	Nursing Foundation*
Course Code	BNSG 104 [T]




Part A

Year	1st	Semester	1st	Credits	L	T	P	C
					8	0	0	8
Course Type	Theory only							
Course Category	Foundation core							
Pre-Requisite/s	1. The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2.The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe the concepts of health, health-illness continuum & health care delivery system(BL1-Remember)</p> <p>CO2- Perform health assessment following proper sequence and provide basic nursing care to patient using universal precautions with proper documentation to build up employability.(BL3-Apply)</p> <p>CO3- Implement the theoretical knowledge in clinical settings and prepare and implement nursing care plan for assigned patient based on nursing process.(BL4-Analyze)</p> <p>CO4- Abide by the code of ethics and professional conduct.(BL5-Evaluate)</p>							
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✓ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>INTRODUCTION  Concept of Health: Health Illness continuum  Factors influencing health  Causes and risk factors for developing illness  Body defenses immunity and immunization  Illness and illness Behavior  Impact of illness on patient and family  Health care services health promotion and prevention, primary Care ,diagnosis,treatment,rehabilitation and continuing care  Health care teams  Type of health care agencies:  Hospitals type, organization and functions  Health promotion and levels of disease prevention  Primary health care and its delivery role of nurse</p>	Lecture cum discussion	10
Unit 2	<p>NURSING AS A PROFESSION • Definition and Characteristics of a profession • Nursing : o Definition, Concepts, philosophy, objectives o Characteristics, nature and scope of nursing practice o Functions & Role of nurse o Qualities of a nurse o Categories of Nursing personnel o Nursing as a profession o History of Nursing in India • Values :Definition, Types, values Clarification and values in professional Nursing: Caring and Advocacy. • Ethics: o Definition and Ethical principals o Code of ethics and professional conduct for nurse.</p>	Lecture cum discussion, Case discussion & Role play	16
Unit 3	<p>HOSPITAL ADMISSION AND DISCHARGE. • Admission to the hospital o Unit and its preparation admission bed. o Admission procedure o Special considerations o Medico-legal issues o Roles and Responsibilities of the nurse. • Discharge from the hospital o Types: Planned discharge, LAMA and abscond, Referrals and transfers, death. o Discharges Planning o Discharges procedure o Special considerations o Medico-legal issues o Role and responsibilities of the nurse. o Care of the unit after discharge.</p>	Lecture cum discussion , demonstration and re-demonstration	4
Unit 4	<p>COMMUNICATION AND NURSE PATIENT RELATIONSHIP • Communication: Levels, Elements, Types, Modes, Process, Factors influencing Communication. o Methods of effective communication - Attending skills -</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	10

	<p>Report building skills - Empathy skills o Barriers to effective communication, • Helping Relationships, (NPR): dimension of helping relationships, phases of a helping relationship • Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable group (children, women, physically and mentally challenged and elderly) • Patient teaching: Importance, purposes, process, role of nurse and Integrating teaching in nursing process</p>		
Unit 5	<p>THE NURSING PROCESS • Critical thinking and nursing judgment o Critical thinking: Thinking and Learning, o Competencies, Attitudes for critical thinking, levels of critical thinking in Nursing • Nursing Process Overview: Application in practice o Nursing process format: INC, current format o Assessment - Collection of data: Types, sources, methods - Formatting nursing judgment: data interpretation o Nursing diagnosis - Identification of client problems - Nursing diagnosis statement - Difference between medical and nursing diagnosis o Planning - Establishing Priorities - Establishing Goals and Expected Outcomes, - Selections of interventions: Protocols and standing Orders - Writing the nursing care plan o Implementation - Implementing the plan of care o evaluation - Outcome of care - Review and Modify o Documentation and Reporting</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	15
Unit 6	<p>DOCUMENTATION AND REPORTING • Documentation: Purpose of recording and reporting • Communication within the Health care team • Types of records; ward records, medical /nursing records, • Common record-keeping forms, computerized documentation • Guidelines for reporting: factual basis, Accuracy, Completeness, currentness, organization, confidentiality • Methods of Recording, • Reporting: Change-of shift reports: transfer reports, Incident reports • Minimizing legal liability through effective record keeping</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	4
Unit 7	<p>VITAL SIGNS • Guidelines for taking vital signs: • Body temperature: o Physiology, Regulation, factors affecting body temperature, o Assessment of body temperature: sites, equipments and</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	15

	<p>technique, special considerations o Temperature alterations: Hyperthermia, Heatstroke, Hypothermia o Hot and cold applications • Pulse: o Physiology and Regulation, characteristics of the pulse, factors affecting pulse o Assessment of pulse: sites, location, equipments and technique, special considerations o Alterations in pulse: • Respiration: o Physiology and regulation, mechanics of breathing characteristics of the respiration, factors affecting respiration o Assessment of respirations: technique, special considerations o Alterations in respiration • Blood pressure: o Physiology and regulation, characteristics of the blood pressure, factors affecting blood pressure o Assessment of blood pressure: sites, equipment and technique, special considerations o Alterations in blood pressure • Recording of vital signs</p>		
Unit 8	<p>HEALTH ASSESSMENT • Purposes • Process of health assessment o Health history o Physical examination: - Methods- inspection, palpation, percussion, auscultation olfaction - Preparation for examination: patient and unit - General assessment - Assessment of each body system - Recording of health assessment</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	30
Unit 9	<p>MEETING NEEDS OF PATIENT • Basic needs (Activities of daily living) o Providing safe and clean environment: - Physical-environment: Temperature, Humidity, Noise, Ventilation, light, Odour, pest control. - Reduction of physical hazards: fire, accidents - Safety devise: Restraints, side rails, airway, trapeze etc - Role of nurse in providing safe and clean environment o Hygiene:- - Factors Influencing Hygiene Practice - Hygiene care: Care of the skin-bath and nail, oral cavity, hair car, eyes, ears, and nose, Menstrual hygiene and observation of vaginal discharge.  Assessment, Principles, Types, Equipments, Procedure, Special Considerations  Patient's environment: Room Equipment and linen, making patient beds  Types of beds and bed making o Comfort:- - Factors influencing comfort - Comfort devices • Physiological needs: o Sleep and rest: - Physiology of sleep - Factors affecting sleep - Promoting Rest and sleep - Sleep disorders o Nutrition:- - Importance - Factors affecting nutritional needs - Assessment of nutritional needs: variables - Meeting</p>	Lecture cum discussion, Role Play , demonstration & Re - Demonstration	60

nutritional needs: principles, equipments, procedure and special considerations

Oral Enteral: Naso/ Orogastric, gastrostomy Parenteral o urinary elimination - Review of physiology of urinary elimination, composition and characteristics of urine - Factors influencing urination - Alteration in urinary elimination - Types and collection of urine specimen: observation, urine testing - Facilitating urine elimination: assessment, types, equipments, procedure and special consideration o providing urinal/ bed pan - Condom drainage, - perennial care - catheterization - care of urinary drainage - care of urinary diversions - bladder irrigation o Bowel elimination - review of physiology of bowel elimination, composition and characteristics of feces - factors affecting bowel elimination - alteration in bowel elimination - types and collection of specimen of feces; observation - facilitating bowel elimination; assessment, equipments, procedure and special consideration passing of flatus tube enemas suppository sitz bath bowel wash care of ostomies o mobility and immobility - principles of body mechanics - maintenance of normal body alignment and mobility - factors affecting body alignment and mobility - hazards associated with immobility - alterations in body alignment and mobility - nursing intervention for the impaired body alignment and mobility: assessment, types, device used, method and special consideration, rehabilitation aspects range of motion exercise maintaining body alignment: position moving, lifting, transferring, walking restraints o oxygenation - review of cardiovascular and respiratory physiology - factors affecting oxygenation - alteration in oxygenation - nursing intervention in oxygenation: assessment, types, equipments used, procedure and special consideration maintenance of patient airway oxygen administration suction inhalation; dry and moist chest physiotherapy and postural drainage care of chest drainage pulse oxymetry CPR – basic life support o fluid, electrolyte and acid-base balances - Review of physiological; regulation of fluid, electrolyte, and acid-base balance - Factors affecting fluid, electrolyte, and acid-base balance - Alteration in fluid, electrolyte, and acid-base balance - Nursing intervention in fluid, electrolyte, and acid-base imbalances; assessment, types, equipments, procedure and special consideration Measuring fluid intake and output Correcting fluid,

	electrolyte imbalance <input type="checkbox"/> Replacement of fluids; oral and parenteral- venupuncture, regulating IV flow rate, changing IV solution and tubing, changing IV dressing <input type="checkbox"/> Administrating blood transfusion <input type="checkbox"/> Restriction of fluids O psychological needs - Concepts of cultural diversity, stress and adaptation, self concept, sexuality, spiritual health, coping with loss, death and grieving - Assessment of psychological needs - Nursing intervention for the psychological needs <input type="checkbox"/> Assist with coping and adaptation <input type="checkbox"/> <input type="checkbox"/> Creating therapeutic environment - Recreational and divisional therapies		
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Code of ethics and professional conduct for nurse.	Seminar	BL3-Apply	2
Unit 3	Medico-legal issues	Case Study	BL4-Analyze	2
Unit 4	Helping Relationships, (NPR): dimension of helping relationships, phases of a helping relationship	Role Play	BL4-Analyze	2
Unit 5	Assessment, Principles, Types, Equipments, Procedure, Special Considerations	Field work	BL4-Analyze	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
25	13	0	0	0	0
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Potter A. P. & Anne G. P. (2009). Fundamentals of Nursing Concepts-Process and Practice. New Delhi, India: Mosby.
Articles	Florence Nightingale's Environmental Theory and its influence on contemporary infection control - https://www.sciencedirect.com/science/article/pii/S1322769620301347
References Books	Christensen B. L. & Kockrow O. E. (2011). Foundations of Nursing. New Delhi, India: Mosby Elsevier.
MOOC Courses	https://www.my-mooc.com/en/mooc/the-impact-of-nursing
Videos	Unoccupied Bed Making - https://www.youtube.com/watch?v=rOH2qF3EtKA

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	-	3	3	-	3	1	2	2	-	-	-	3
CO2	3	3	-	2	2	2	2	-	-	2	3	3	3	3	-
CO3	2	2	-	3	-	2	-	3	3	-	-	2	2	2	-
CO4	2	-	3	-	-	2	-	2	2	3	3	-	-	-	2
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Nutrition and Biochemistry
Course Code	BNSG 201

Part A

Year	1st	Semester	2nd	Credits	L	T	P	C
					5	0	0	5
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe the principle, essentials of nutrition & its relationship to health(BL1-Remember)</p> <p>CO2- Identify nutritional needs of different age groups and plan a balanced diet for them. (BL2-Understand)</p> <p>CO3- Explain digestion, absorption, metabolism of carbohydrates, proteins, fats, vitamins and minerals(BL3-Apply)</p> <p>CO4- Apply nutrient and dietary modifications in caring patients(BL4-Analyze)</p> <p>CO5- Prepare meals using different methods and cookery rules to hone the skills(BL5-Evaluate)</p>							
Courses Elements	Skill Development ✕ Entrepreneurship ✕ Employability ✕ Professional Ethics ✕ Gender ✕ Human Values ✕ Environment ✕		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG6(Clean water and sanitation) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	INTRODUCTION • Nutrition.: History, Concept • Role of Nutrition in maintaining health • Nutritional problems in India • National Nutritional policy • Factor affecting food and nutrition; socio economic, cultural, tradition, production, system of distribution, life style and food habits etc. • Role of food and its medicinal value • Classification of foods • Food standards • Elements of nutrition: macro and micro • Calorie, BMR	Lecture cum discussion & Panel discussion	4
Unit 2	CARBOHYDRATES • Classification • Caloric value • Recommended daily allowance • Dietary sources • Functions • Digestion, absorption, storage, metabolism of carbohydrates • Malnutrition – deficiencies and over consumption.	Lecture cum discussion	2
Unit 3	Fats • Classification • Caloric value • Recommended daily allowance • Dietary sources • Functions • Digestion, absorption, storage, metabolism. • Malnutrition – deficiencies and over consumption	Lecture cum discussion	2
Unit 4	Proteins • Classification • Caloric value • Recommended daily allowance • Dietary sources • Functions • Digestion, absorption, storage, metabolism • Malnutrition – deficiencies and over consumption	Lecture cum discussion	2
Unit 5	Energy • Unit of Energy- KCal • Energy requirement of different categories of people • Measurement of energy • Body mass index (BMI) and basic metabolism • Basal metabolic rate (BMR)- determination and factors affecting.	Lecture cum discussion & Demonstration and Re-demonstration	3
Unit 6	Vitamins • Classification. • Recommended daily allowances. • Dietary sources. • Functions. • Absorption, synthesis, metabolism storage and excretion. • Deficiencies. • Hypervitaminosis.	Lecture cum discussion	4
Unit 7	Minerals • Classification. • Recommended daily allowances. • Dietary sources. • Functions. • Absorption, synthesis, metabolism storage and excretion. • Deficiencies. • Over consumption and toxicity.	Lecture cum discussion	4
Unit 8	Water & electrolytes • Water: Daily requirement, regulation of water metabolism, distribution of body water, • Electrolytes: Types, sources, composition of body fluids. • Maintenance of fluid & electrolyte balance. •	Lecture cum discussion	3

	Over hydration, dehydration and water intoxication. • Electrolyte imbalances.		
Unit 9	Cookery rules and preservation of nutrients <ul style="list-style-type: none"> ▣ Principal, methods of cooking and serving. ▣ Preservation of nutrients. ▣ Safe Food handling toxicity. ▣ Storage of food. ▣ Food preservation, food additives and its principles. ▣ Prevention of Food Adulteration Act (PFA). ▣ Food Standards. ▣ Preparation of simple beverages and different types of food. 	Lecture cum discussion & Demonstration and Re-demonstration	5
Unit 10	Balanced diet • Elements. • Food groups. • Recommended Daily allowance. • Nutritive value of foods. • Calculation of balanced diet for different categories of people. • Planning menu. • Budgeting of food. • Introduction to therapeutic diets: Naturopathy Diet.	Lecture cum discussion & Demonstration and Re-demonstration	7
Unit 11	Role of nurse in nutritional programmes • National programmes related to nutrition. ▣ Vitamin A deficiency programme. ▣ National Iodine deficiency disorder (IDD) programme. ▣ Mid-day meal programme. ▣ Integrated child development scheme (ICDS). • National and International agencies working towards food/nutrition. ▣ NIPCCD, CARE, FAO, NIN, CFTRI (Central food technology and research institute) etc. • Assessment of nutritional status. • Nutrition education and role of nurse	Lecture cum discussion & Demonstration and Re-demonstration	4
Unit 12	Introduction. • Definition and significance in nursing. • Review of structure, Composition and functions of cell. • Prokaryote and Eukaryote cell organization. • Microscopy.	Lecture cum discussion & Demonstration	3
Unit 13	Structure and functions of cell membrane. • Fluid mosaic model tight junction, Cytoskeleton. • Transport mechanism: diffusion, osmosis, filtration, active channel, sodium pump. • Acid base balance – maintenance & diagnostic tests. o PH buffers	Lecture cum discussion	6
Unit 14	Composition and metabolism of Carbohydrates. • Types, structure, composition and uses. o Monosaccharides, Disaccharides, Polysaccharides, Oligosaccharides. • Metabolism. o Pathways of glucose: • Glycolysis. • Gluconeogenesis: Cori's cycle, Tricarboxylic acid (TCA) cycle. • Glycogenolysis. • Pentose phosphate pathways (Hexose monophosphate) o Regulation of blood glucose level. o Investigations and their interpretations.	Lecture cum discussion & Demonstration	6
Unit 15	Composition and metabolism of Lipids. • Types, structure, composition and uses of fatty acids. - Nomenclature, Roles and	Lecture cum discussion & Demonstration	4

	Prostaglandins. • Metabolism of fatty acid. - Breakdown - Synthesis • Metabolism of triglycerols. • Cholesterol metabolism. Biosynthesis and its Regulation. - Bile salts and bilirubin. - Vitamin D. - Steroid hormones. • Lipoproteins and their functions: - VLDLs - IDLs, LDLs and HDLs. - Transport of lipids. - Atherosclerosis • Investigations and their interpretations.		
Unit 16	Composition and metabolism of Amino acids and Proteins • Types, structure, composition and uses of Amino acids and Proteins. • Metabolism of Amino acids and Proteins. - Protein synthesis, targeting and glycosylation. - Chromatography. - Electrophoresis. - Sequencing • Metabolism of Nitrogen. - Fixation and Assimilation. - Urea Cycle. - Hemes and chlorophylls. • Enzymes and co- enzymes. - Classification. - Properties. - Kinetics and inhibition. - Control. • Investigations and their interpretations.	Lecture cum discussion & Demonstration	6
Unit 17	Composition of Vitamins and minerals. • Vitamins and minerals. - Structure. - Classification. - Properties. - Absorption. - Storage & transportation. - Normal concentration. Investigation and their interpretations	Lecture cum discussion & Demonstration	2
Unit 18	Immunochemistry • Immune response, • Structure and classification of immunoglobins. • Mechanism of antibody production. • Antigens: HLA typing. • Free radical and Antioxidants. • Specialized Protein: Collagen, Elastin, Keratin, Myosin, Lens Protein. • Electrophoretic and Quantitative determination of immunoglobins – ELISA etc. Investigations and their interpretations.	Lecture cum discussion & Demonstration	3

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 9	☞ Preparation of simple beverages and different types of food.	Games	BL4-Analyze	15
Unit 10	• Introduction to therapeutic diets & • Calculation of balanced diet for different categories of people.	Games	BL4-Analyze	5

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Anderson, B. A. (2013). Nutrition in nursing. Lippincott Co.
Articles	Prevention and Management of Type 2 Diabetes: Dietary Components and Nutritional Strategies - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4751088/
References Books	Satyanarayan. (2002). Essentials of biochemistry (2nd ed.). Kolkata, India: SIMCE Publications.
MOOC Courses	https://www.coursera.org/learn/diabetes-essential-facts
Videos	Diabetes Education Series - https://www.youtube.com/watch?v=2mNzepakDccM

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	1	3	2	-	2	1	-	1	2	2	-	1	2	-
CO2	2	1	2	1	-	2	-	1	-	1	1	-	-	1	1
CO3	2	1	1	2	-	1	1	1	2	1	1	2	1	-	2
CO4	2	1	2	2	-	1	-	1	-	-	1	-	2	3	-
CO5	1	1	1	1	-	1	1	-	1	1	1	-	1	-	1
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Microbiology
Course Code	BNSG 202

Part A

Year	1st	Semester	2nd	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify the ubiquity and diversity of microorganisms in the human body and the environment. (BL1-Remember)</p> <p>CO2- Classify and explain the morphology and growth of microbes. (BL2-Understand)</p> <p>CO3- Explore mechanisms by which microorganisms cause disease. (BL3-Apply)</p> <p>CO4- Apply the principles of preparation and use of vaccines in immunization to enhance employability skills (BL4-Analyze)</p>							
Courses Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction Importance and relevance to nursing. Historical perspective. Concepts and terminology. Principles of microbiology.	Lecture cum discussion	5
Unit 2	General Characteristics of Microbes Structure and classification of Microbes. Morphological types. Size and form of bacteria. Motility. Colonization. Growth and nutrition of microbes. • Temperature. • Moisture. • Blood and body fluids. Laboratory Method for Identification of Micro- organisms. Staining techniques, Gram staining, Acid fast staining, Hanging drop preparation. Culture; various Medias.	Lecture cum discussion & Demonstration	10
Unit 3	Infection control Infection: Sources, portals of entry and exit, transmission. Asepsis. Disinfection; Types and methods. Sterilization; Types and Methods. Chemotherapy and antibiotics. Standard safety measures. Biomedical waste management. Role of Nurse. Hospital acquired infection. Hospital infection control programme. Protocols, collections of samples, preparation of report and status of rate of infection in the Unit/hospital, nurse's accountability, continuing education etc.	Lecture cum discussion & Demonstration	10
Unit 4	Pathogenic organisms Micro-organisms • Cocci-gram positive and gram negative. • bacilli gram positive and gram negative. • Spirochaete. • Mycoplasma. • Rickettsiae. • Chlamydiae. Viruses. Fungi- Superficial and Deep mycoses. Parasites. Rodents & vectors - Characteristics, Source, portal of entry, transmission of infection, Identification of disease producing micro-organisms, Collection, handling and transportation of various specimens.	Lecture cum discussion & Demonstration	12
Unit 5	Immunity Immunity –Types, classification. Antigen and antibody reaction. Hypersensitivity – skin test. Serological tests. Immunoprophylaxis. • Vaccines & sera – Types & Classification, cold chain. • Immunization for various diseases. • Immunization schedule.	Lecture cum discussion & Demonstration	8

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Staining techniques, Gram staining, Acid fast staining, Hanging drop preparation.	Field work	BL4-Analyze	5
Unit 3	Protocols, collections of samples, preparation of report and status of rate of infection in the Unit/hospital, nurse's accountability, continuing education etc.	Field work	BL4-Analyze	2
Unit 4	Source, portal of entry, transmission of infection, Identification of disease producing micro-organisms, Collection, handling and transportation of various specimens.	Field work	BL4-Analyze	4
Unit 5	Immunization for various diseases. • Immunization schedule.	Field work	BL4-Analyze	4

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Kumar S. (2015). Textbook of Microbiology for BSc Nursing. (1st ed.). Delhi, India: Jaypee Publishers.
Articles	A hundred spotlights on microbiology: how microorganisms shape our lives - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8977871/
References Books	Gupte S. (2018). The Short Textbook of Medical Microbiology for Nurses. (2nd ed.). Delhi, India: Jaypee Publishers.
MOOC Courses	https://www.mooc-list.com/course/antimicrobial-resistance-theory-and-methods-coursera
Videos	How to Read Culture Plates - https://www.youtube.com/watch?v=Kv5yhmGI_WQ

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	1	-	1	-	-	-	1	1	-	1	-	-	1
CO2	1	1	1	1	-	1	-	1	-	-	1	-	1	-	-
CO3	1	-	-	1	-	-	1	-	1	1	-	1	-	2	-
CO4	-	1	1	-	1	1	-	1	-	-	1	-	-	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Nursing Foundation
Course Code	BNSG 203 [P]

Part A

Year	1st	Semester	2nd	Credits	L	T	P	C	
					0	0	8	8	
Course Type	Embedded theory and field work								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Describe the concepts, theories and models of nursing practice (BL1-Remember)</p> <p>CO2- Perform health assessment following proper sequence and provide basic nursing care to patient using universal precautions with proper documentation to build up employability.(BL2-Understand)</p> <p>CO3- Communicate effectively with patient, families and health care team.(BL3-Apply)</p> <p>CO4- Perform health assessment following proper sequence and provide basic nursing care to patient using universal precautions with proper documentation to build up employability.(BL4-Analyze)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Prepare Patient's Unit • Prepare beds: o Open, closed, occupied, operation, amputation, o Cardiac, fracture, burn, Divided, and Fowlers bed. • Pain assessment and provision for comfort. Use Comfort Devices Hygienic Care • Oral hygiene: • Baths and care of pressure points. • Hair wash, pediculosis treatment. Feeding • Oral, Enteral, Naso/Orogastric, gastrostomy and Parenteral feeding. • Naso – gastric insertion, suction, and irrigation. Assisting Patient In Urinary Elimination • Provides urinal/bed pan. • Condom drainage. • Perineal care. • Catheterization. • Care of urinary drainage.	Field work	BL3-Apply	75
Unit 2	Bladder Irrigation Assisting Bowel Elimination • Insertion of Flatus tube. • Enemas. • Insertion of Suppository. Bowel Wash Body Alignment And Mobility Range of motion exercises. Positioning: Recumbent, Lateral (rt/lt), fowlers, sims, lithotomy, prone, Trandelenburg position. Assist patient in Moving, lifting, transferring, walking. Restraints Steam Inhalation Oxygen administration Suctioning: oropharyngeal, nasopharyngeal Chest physiotherapy and postural drainage. Care of Chest drainage CPR – Basic life support. Intravenous therapy. Blood and blood component therapy. Collect/ assist for collection of specimens for investigations Urine, sputum, faeces, vomitus, blood and other body fluids. Perform lab tests • Urine: sugar, albumin, acetone. • Blood: sugar (with strip/ gluco- meter)	Field work	BL3-Apply	75
Unit 6	Hot and cold applications • Local and general. Sitz bath Communicating and assisting with self care of visually and hearing impaired patients. Communicating and assisting with self care of mentally challenged/ disturbed patients. Recreational and diversional therapies. Caring of patient with alteration in sensorium. Infection control • Perform following procedures: o Hand washing techniques. o (Simple, hand antisepsis and surgical antisepsis (scrub) o Prepare isolation unit in lab/ward. o Practice technique of wearing and removing personal protective equipment (PPE). o Practice standard safety precautions (Universal precautions). Decontamination of equipment and unit • Surgical asepsis: o Sterilization. o	Field work	BL3-Apply	75

<p>Handling sterilized equipment. o Calculate strengths of lotions, o Prepare lotions. • Care of articles. Pre and post operative care • Skin preparation for surgery: Local. • Preparation of post operative unit. • Pre and post operative teaching and counseling. • Pre and post operative monitoring. • Care of the wound: • Dressings, Suture Care, care of Drainage, Application of Bandages, Binders, Splints and Slings. • Bandaging of various body parts. Administration of medications • Administer Medications in different forms and routes. • Oral, Sublingual and Buccal. • Parenteral: Intradermal, subcutaneous, Intramuscular etc. • Assist with Intra Venous medications. • Drug measurements and dose calculations. • Preparation of lotions and solutions. • Administers topical applications. • Insertion 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.</p>			
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Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
200	100	100	50	100	50

Part E

Books	Potter A. P. & Anne G. P. (2009). Fundamentals of Nursing Concepts-Process and Practice. New Delhi, India: Mosby.
Articles	https://www.who.int/health-topics/infection-prevention-and-control#tab=tab_1
References Books	Taylor C. & Lillis C. (2008). Fundamental of nursing: The art and science of nursing care. Philadelphia, United states: Lippincott Williams and Wilkins.
MOOC Courses	https://www.bangor.ac.uk/courses/other-courses/mooc-in-infection-prevention-best-practice-and-behaviours
Videos	Infection Control - https://www.youtube.com/watch?v=0p-kJuRaBpY

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	3	-	3	3	-	3	2	-	3	2	-	-	3
CO2	3	3	-	2	2	2	2	-	2	2	-	3	3	3	-
CO3	2	2	-	3	-	3	-	3	-	3	2	-	2	2	-
CO4	2	-	3	-	-	3	-	2	3	-	2	3	-	-	2
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Nursing Foundation
Course Code	BNSG 203[T]

Part A

Year	1st	Semester	2nd	Credits	L	T	P	C	
					5	0	0	5	
Course Type	Theory only								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Describe the concepts, theories and models of nursing practice(BL1-Remember)</p> <p>CO2- Perform health assessment following proper sequence and provide basic nursing care to patient using universal precautions with proper documentation to build up employability.(BL2-Understand)</p> <p>CO3- Implement the theoretical knowledge in clinical settings and prepare and implement nursing care plan for assigned patient based on nursing process.(BL3-Apply)</p> <p>CO4- Abide by the code of ethics and professional conduct.(BL4-Analyze)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>MACHINERY, EQUIPMENT AND LINEN • Types: disposables and reusable-linen, rubber goods, glassware, metal, plastics, furniture, Machinery • Introduction: o Indent o Maintenance o inventory</p>	Lecture cum discussion & demonstration	5
Unit 2	<p>INFECTION CONTROL IN CLINICAL SETTINGS • Infection control o Nature of infection o Chain of infection transmission o Defenses against infection: nature and acquired o Hospital acquired infection (Nosocomial infection) • Concepts of asepsis: medical asepsis, and surgical asepsis • Isolation precautions (Barrier nursing): o Hand washing: simple, hand antisepsis and surgical antisepsis (scrub) o Isolation: source and protective o Personal protecting equipments: types uses and technique of wearing and removing o Decontamination of equipment and unit o Transportation of infected patients o Standard safety precautions (Universal precautions) o Transmission based precautions • Biomedical waste management: o Importance o Types of hospital waste o Hazards associated with hospital waste o Decontamination of hospital waste o Segregation and transportation and disposal</p>	Lecture cum discussion , demonstration & re demonstration	15
Unit 3	<p>ADMINISTRATION OF MEDICATIONS • General principles / considerations o Purposes of medication o Principles:5 rights, Special considerations, prescriptions, safety in administering medications and medication Errors o Drug forms o Routes of administration o Storage and maintenance of drugs and nurses responsibility o Broad classification of drugs o Therapeutic effect, side effects, toxic effects, idiosyncratic reactions, allergic reactions drug tolerance, drug interactions, o Factors influencing drug actions, o Systems of drug measurement: metric system, apothecary system, household measurements, solutions. o Converting measurements units: conversion within one system, conversion between systems dosage calculation o Terminologies and abbreviations used in prescriptions of medications • Oral drugs administration: oral, sublingual and buccal: equipment, procedure • Parenteral o General principles: decontamination and disposal of syringes and needles o Types of parenteral therapies o Types of syringes, needles, canula, and infusion sets o Protection from needles tick</p>	Lecture cum discussion , demonstration & re demonstration	10

	<p>injuries: giving medications with a safety syringes</p> <ul style="list-style-type: none"> o Routes of parenteral therapies - <ul style="list-style-type: none"> Inradermal: purpose, site, equipment, procedure, special considerations - Subcutaneous: purpose, site, equipment, procedure special considerations - Intramuscular: purpose, site, equipment, procedure, special considerations - Intra Venous: purpose, site, equipment, procedure, special considerations - Advanced techniques: epidural, intrathecal, intraosseous intraperionial intraplural, intra-arterial-, role of nurse. • Topical administration: purpose, site, equipment, procedure, special considerations for o Application to skin o Application to mucous membrane - Direct application of liquids- Gargle and swabbing the throat - Insertion of drug into body cavity: suppository / mediated packing in rectum/ vagina - Instillations: ear, eye, bladder, vaginal and rectal - Spraying: nose and throat • Inhalation: nasal, oral, end tracheal /tracheal (steam, oxygen and medications)- purposes, types, equipment procedure, special considerations o Recording and reporting of medications administered 		
Unit 4	<p>MEETING NEEDS OF PERIOPERATIVE PATIENTS • Definition and concept of perioperative nursing • Preoperative phase o Preparation of patient for surgery • Intraoperative o Operation theatre set up and environment • Postoperative Recovery unit o Post operative unit o Postoperative care, • Wounds: types, classification, wound Healing process, factors affecting wound, complications of wound healing • Surgical asepsis • Care of the wound: types, equipments, procedure and special consideration o Dressing, suture care, o Care of drainage o Application of bandages, binders, splints & slings o Heat and cold therapy</p>	Lecture cum discussion , demonstration & re demonstration	15
Unit 5	<p>MEETING SPECIAL NEEDS OF THE PATIENT • Care of patient having alteration in</p> <ul style="list-style-type: none"> o Temperature (hyper and hypothermia) types, assessment, management o Sensorium (Unconsciousness) assessment management o Urinary Elimination (retention and incontinence) o Functioning of sensory organs (visual & hearing impairment) o Assessment of self-care ability o Mobility (physically challenged, cast) assessment of self-care ability. <p>Communication methods and special considerations</p> <ul style="list-style-type: none"> o Mental state (mentally challenged) assessment of self-care ability. Communication methods and special considerations o Respiration (distress) 	Lecture cum discussion , demonstration & re demonstration	10

	types, assessment, management o Comfort-pain nature, types, factors influencing pain , coping, assessment , management o Treatment related to gastrointestinal system: naso gastric suction, gastric irrigation, gastric analysis.		
Unit 6	CARE OF TERMINALLY ILL PATIENT • Concepts of loss, grief, grieving process • Signs of clinical death • Care of dying patient: special considerations - Advance directives: euthanasia, will, dying declaration, organ donation etc • Medico legal issues • Care of dead body: equipment, procedure and care of unit • Autopsy • Embalming	Lecture cum discussion , demonstration & re demonstration	5
Unit 7	PROFESSIONAL NURSING CONCEPTS AND PRACTICES • Conceptual and theoretical models of nursing practice: Introduction to models-holistic model, health belief model, health promotion model etc. • Introduction to Theories in Nursing; “Peplau’s “ Henderson’s Orem’s, Neumann’s, Roger’s and Roy’s • Linking theories with nursing process.	Lecture cum discussion , demonstration & re demonstration	5

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Standard safety precautions (Universal precautions)	PBL	BL4-Analyze	2
Unit 3	Therapeutic effect, side effects, toxic effects, idiosyncratic reactions, allergic reactions drug tolerance, drug interactions	Seminar	BL3-Apply	2
Unit 4	Wounds: types, classification, wound Healing process, factors affecting wound, complications of wound healing	PBL	BL4-Analyze	4
Unit 5	Conceptual and theoretical models of nursing practice: Introduction to models-holistic model, health belief model, health promotion model	Seminar	BL3-Apply	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Potter A. P. & Anne G. P. (2009). Fundamentals of Nursing Concepts-Process and Practice. New Delhi, India: Mosby.
Articles	Infection Control - https://www.ncbi.nlm.nih.gov/books/NBK519017/
References Books	Taylor C. & Lillis C. (2008). Fundamental of nursing: The art and science of nursing care. Philadelphia, United states: Lippincott Williams and Wilkins.
MOOC Courses	https://www.udemy.com/course/basics-of-infection-control/
Videos	Infection Prevention and Control Best Practice - https://www.youtube.com/watch?v=0p-kJuRaBpY

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	1	1	-	1	1	-	1	1	2	-	1	2
CO2	2	-	2	1	2	1	-	-	1	2	-	2	1	-	-
CO3	2	1	1	2	1	1	1	2	2	1	1	-	2	2	1
CO4	2	1	1	-	1	1	-	1	-	-	2	1	2	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Introduction to computer
Course Code	BNSG 204

Part A

Year	1st	Semester	2nd	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	1.The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2.The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Develop a basic understanding of computer application in patient care and nursing practice.(BL1-Remember) CO2- Demonstrate the skills of using data in management of health care.(BL2-Understand) CO3- Apply the knowledge of the principles of digital ethical and legal issues in clinical practice.(BL3-Apply) CO4- Utilize the functionalities of Nursing Information System (NIS) system in nursing.(BL4-Analyze)							
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction • Concepts of computers • hardware and software; trends and technology. • Application of computers in nursing.	Lecture cum discussion & Demonstration	3
Unit 2	Introduction to disk operating system • Dos. • Windows (all version) • Introduction Ms-Word. Ms- Excel with pictorial presentation. Ms- Access. Ms- Power Point.	Lecture cum discussion & Demonstration	6
Unit 3	Multimedia; types & uses. • Computer aided teaching & testing	Lecture cum discussion & Demonstration	2
Unit 4	Use of internet & E-mail.	Lecture cum discussion & Demonstration	1
Unit 5	Statistical packages: types and their feature.	Lecture cum discussion & Demonstration	2
Unit 6	Hospital Management system: - types and use.	Lecture cum discussion & Demonstration	2

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Introduction to disk operating system • Windows (all version) • Introduction Ms-Word. Ms- Excel with pictorial presentation. Ms- Access. Ms- Power Point.	Field work	BL3-Apply	20
Unit 3	Computer aided teaching & testing.	Field work	BL3-Apply	2
Unit 4	Use of internet & E-mail.	Field work	BL3-Apply	3
Unit 5	Statistical packages: types and their feature.	Field work	BL3-Apply	2
Unit 6	Hospital Management system: - types and use.	Field work	BL3-Apply	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Bhaskara R. (2014). Nursing Informatics. (1st ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
Articles	The Hospital Management System - https://www.researchgate.net/publication/367460409_The_Hospital_Management_System
References Books	Susan A. (2017). Applied Clinical Informatics for Nurses (2nd ed.). Massachusetts, United States: Jones & Bartlett Learning.
MOOC Courses	https://www.coursera.org/learn/introduction-to-data-analytics
Videos	Learn SPSS - https://www.youtube.com/watch?v=TZPyOJ8tFcl

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	-	-	-	-	2	2	-	-	-	1	-	-	2	2	-
CO2	-	-	-	-	2	2	-	-	-	1	-	-	-	1	-
CO3	-	-	-	-	2	2	-	-	-	1	-	-	1	1	1
CO4	-	-	-	-	1	2	-	-	-	2	-	-	-	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Sociology
Course Code	BNSG 301

Part A

Year	2nd	Semester	3rd	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s	1. The Minimum Educational requirement shall be 10+ 2 examination through CBSE or State Govt. passed with Physics, Chemistry, Biology and English or any other examination equivalent with 12 years of schooling with science (Physics, Chemistry, Biology) and English with minimum of 45% aggregate marks. 2. The Minimum age shall be 17 years and maximum age 24 years as on or before 1st July.			Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify the scope and significance of sociology in nursing.(BL1-Remember)</p> <p>CO2- Apply the knowledge of social structure and different culture in a society in identifying social needs of sick clients.(BL2-Understand)</p> <p>CO3- Develop understanding about social organization and disorganization and social problems in India.(BL3-Apply)</p> <p>CO4- Integrate the knowledge of clinical sociology and its uses in crisis intervention to enhance the employability skillset.(BL4-Analyze)</p>							
Courses Elements	Skill Development ✗ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓		SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth) SDG10(Reduced inequalities) SDG11(Sustainable cities and economies)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction <input type="checkbox"/> <input type="checkbox"/> Definition of Sociology <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Nature and scope of the discipline <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Importance and application of Sociology in Nursing	Lecture cum discussion, Group discussion & Role play	1
Unit 2	Individual & Society <input type="checkbox"/> <input type="checkbox"/> Society and Community <input type="checkbox"/> <input type="checkbox"/> Nature of society <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Difference between society and Community <input type="checkbox"/> <input type="checkbox"/> Process of Socialization and individualization <input type="checkbox"/> <input type="checkbox"/> Personal disorganization	Lecture cum discussion, Group discussion & Role play	3
Unit 3	Culture <input type="checkbox"/> <input type="checkbox"/> Nature of culture <input type="checkbox"/> <input type="checkbox"/> Evolution of culture <input type="checkbox"/> <input type="checkbox"/> Diversity and uniformity of culture <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Culture and socialization <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Transcultural society <input type="checkbox"/> <input type="checkbox"/> Influences on health and disease	Lecture cum discussion, Group discussion & Role play	3
Unit 4	Social groups and processes <input type="checkbox"/> <input type="checkbox"/> The meaning and classification of groups <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Primary & Secondary Group <input type="checkbox"/> <input type="checkbox"/> In-group V/s. Out –group, Class Tribe, Caste <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Economic, Political, Religious groups, Mob, Crowd, Public and Audience Interaction & Social Processes <input type="checkbox"/> <input type="checkbox"/> Co-operation, Competition, Conflict <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Accommodation, Assimilation & Isolation	Lecture cum discussion, Group discussion & Role play	4
Unit 5	Population <input type="checkbox"/> <input type="checkbox"/> Society and population <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Population distribution in India Demographic characteristics <input type="checkbox"/> <input type="checkbox"/> Malthusian theory of Populations <input type="checkbox"/> <input type="checkbox"/> Population explosion in India and its impact on health status <input type="checkbox"/> <input type="checkbox"/> Family welfare programmes	Lecture cum discussion, Group discussion Case Study & Role play	6
Unit 6	Family and Marriage <input type="checkbox"/> <input type="checkbox"/> Family-functions <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> Types-joint, Nuclear, Blended and extended family: Characteristics <input type="checkbox"/> <input type="checkbox"/> The Modern Family-Changes, Problems-Dowry etc., Welfare Services <input type="checkbox"/> <input type="checkbox"/> Changes & legislations on family and marriage in India-marriage acts <input type="checkbox"/> <input type="checkbox"/> Marriage: Forms and Functions of Marriage <input type="checkbox"/> <input type="checkbox"/> Marriage and family problems in India <input type="checkbox"/> <input type="checkbox"/> Family, marriage and their influence on health and health practices	Lecture cum discussion, Group discussion & Role play	5
Unit 7	Social Stratification <input type="checkbox"/> <input type="checkbox"/> Meaning & types of social stratification <input type="checkbox"/> <input type="checkbox"/> The Indian Caste System-origin & features <input type="checkbox"/> <input type="checkbox"/> Features of Caste in India Today <input type="checkbox"/> <input type="checkbox"/> Social Class system and status <input type="checkbox"/> <input type="checkbox"/> Social Mobility – Meaning & Types <input type="checkbox"/> <input type="checkbox"/> Race as a biological concept, criteria of racial classification <input type="checkbox"/> <input type="checkbox"/> Salient features of Primary races-Racism <input type="checkbox"/> <input type="checkbox"/> Influence of Class, Caste and Race on	Lecture cum discussion, Group discussion & Role play	7

	health and health practices		
Unit 8	Types of Communities in India (Rural, Urban and Regional) Features of village community Characteristics of Indian villages- Panchayat system, social dynamics Community Development project & planning Changes in Indian Rural Life Availability of health facilities in rural and its impact on health and health practices Urban – Community – features The growth of cities; Urbanisation and its impact on health and health practices Major Urban problems –Urban Slums Region: Problems and impact on Health	Lecture cum discussion, Group discussion & Role play	6
Unit 9	Social Change Nature and process of social Change Factors influencing social change: cultural change, Cultural lags. Introduction to Theories of social change ; Linear, Cyclical, Marxian, Functional Role of nurse-Change agents	Lecture cum discussion, Group discussion & Role play	4
Unit 10	Social organization and social system Social organization : elements, types Democratic and authoritarian modes of participation, Voluntary associations Social system : Definition and Types of social system Role and Status as structural elements of social system Inter-relationship of institutions	Lecture cum discussion, Group discussion & Role play	4
Unit 11	Social Control Nature and process of social control Political, Legal, Religious, Educational, Economics, Industrial and Technological systems, Norms & Values Folkways & Mores Customs, Laws and fashion Role of nurse	Lecture cum discussion, Group discussion & Role play	2
Unit 12	Social Problems Social disorganization Control & planning; poverty, housing, illiteracy, food supplies, prostitution, rights of women & children, vulnerable groups: Elderly, handicapped, minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, HIV/AIDS. Social Welfare programmes in India Role of Nurse	Lecture cum discussion, Group discussion & Role play	15

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Family and Marriage	Role Play	BL3-Apply	2
Unit 2	Types of Communities in India (Rural, Urban and Regional)	PBL	BL4-Analyze	2
Unit 3	Social Problems	Seminar	BL4-Analyze	4
Unit 4	Social Stratification	Case Study	BL4-Analyze	2
Unit 5	Population	Case Study	BL4-Analyze	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Gupta, D. (1991). Social Stratification. New Delhi: Oxford University Press.
Articles	Social Stratification- https://www.researchgate.net/publication/343416684_Social_Stratification
References Books	Rao, C. N. Shankar. (Year). Introducing Sociology. Manglore-575004: Jai Bharat Prakashana.
MOOC Courses	Society and Socialization- https://alison.com/topic/learn/125003/society-and-socialization-learning-outcomes
Videos	social structure- https://www.youtube.com/watch?v=ETTQZbe2b_U

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	1	-	1	-	2	2	1	1	-	1	-	1	1
CO2	2	2	1	2	-	1	2	3	3	-	1	2	2	-	1
CO3	-	3	-	2	1	2	1	-	-	2	-	2	-	2	-
CO4	1	-	2	-	1	2	-	2	2	-	2	1	2	-	2
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Pharmacology, Pathology & Genetics
Course Code	BNSG 302

Part A

Year	2nd	Semester	3rd	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe pharmacodynamics, pharmacokinetics, classification and side effects of different drugs and medications and principle of drug administration for various disorders and nursing responsibilities related to this. (BL1-Remember)</p> <p>CO2- Explain pathological changes in disease conditions of various systems. (BL2-Understand)</p> <p>CO3- Demonstrate the understanding of screening methods and the role of nurses in genetic services and counselling to build up employability flair. (BL3-Apply)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction • Importance of the study of pathology. • Definition of terms. • Methods and techniques. • Cellular and Tissue changes. • Infiltration and regeneration. • Inflammations and infections. • Wound healing. • Vascular changes. • Cellular growth, Neoplasms. • Normal and Cancer cell. • Benign and Malignant growths. • In situ carcinoma.. • Disturbances of fluid and electrolyte imbalance.	Lecture cum discussion & demonstration	3
Unit 2	Special Pathology • Pathology changes in disease conditions of various systems: • Respiratory tract o Tuberculosis, Bronchitis, Pleural effusion and pneumonia, o Lung abscess, emphysema, bronchiectasis. o Bronchial asthma, Chronic obstructive Pulmonary disease & tumours. • Cardio Vascular System o Pericardial effusion. o Rheumatic heart disease. o Infective endocarditis, atherosclerosis. o Ischemia, infarction & aneurysm. • Gastro Intestinal Tract o Peptic ulcer, typhoid. o Carcinoma of GI tract-buccal, Esophageal. o Gastric & intestinal • Liver, Gall bladder & pancreas Hepatitis, Chronic liver abscess, cirrhosis. o Tumors of liver, gall bladder and pancreas, o Cholecystitis. • Kidneys & Urinary tract o Glomerulonephritis, pyelonephritis. o Calculi, renal failure, renal carcinoma & cystitis. • Male genital systems o Cryptorchidism, testicular atrophy o Prostatic hyperplasia, carcinoma penis & prostate. • Female genital system o Fibroids o Carcinoma cervix and Endometrium. o Vesicular mole, choriocarcinoma. o Ectopic gestation. o Ovarian cyst & tumours. • Cancer Breast. • Central Nervous system o Hydrocephalus, Meningitis, encephalitis, o Vascular disorders- thrombosis, embolism. o Stroke, paraplegia, quadriplegia. o Tumours, meningiomas-gliomas. • Metastatic tumor • Skeletal system o Bone healing, osteoporosis, osteomyelitis • Arthritis & tumors	Lecture cum discussion	6
Unit 3	Clinical Pathology • Various blood and bone marrow tests in assessment and monitoring of disease conditions. o Hemoglobin o RBC, White cell & platelet counts o Bleeding time, clotting time and prothrombin time. o Blood grouping and cross matching. o Blood chemistry. o Blood culture. o Serological and immunological tests. o Others blood tests. o Examination of Bone marrow. o Methods of collection of blood specimen for various	Lecture cum discussion	2

	clinical pathology, biochemistry, microbiology tests, inference and normal values.		
Unit 4	Examination of body cavity fluids, transudates and exudates • The laboratories tests used in CSF analysis. • Examination of other body cavity fluids, transudates and exudates – sputum, wound discharge etc. • Analysis of gastric and duodenal contents. • Analysis of semen-sperm count, motility and morphology and their importance in infertility. • Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values.	Lecture cum discussion	2
Unit 5	Urine and faeces • Urine o Physical characteristics. o Analysis o Culture and sensitivity. • Faeces o Characteristics o Stool examination: occult blood, ova, parasite and cyst, reducing substance etc. • Methods of collection for various tests, inference and normal values	Lecture cum discussion	2
Unit 6	Introduction • Practical application of genetics in nursing • Impact of genetic condition on families • Review of cellular division mitosis and meiosis • Characteristics and structure of genes • Chromosomes – sex determination • Chromosomal aberrations pattern of inheritance o Mendalian theory of inheritance o Multiple allots and blood groups o Sex linked inheritance o Mechanism of inheritance o Errors in transmission (Mutation)	Lecture cum discussion	3
Unit 7	Maternal, prenatal and genetic influences on development of defects and diseases • Conditions affecting the mother: genetic and infections • Consanguinity atopy. • Prenatal nutrition and food allergies • Maternal Age • Maternal drug therapy • Prenatal testing and diagnosis • Effect of Radiation, drugs and chemicals • Infertility • Spontaneous abortion • Neural tube defects and the role of folic acid in lowering the risks • Down syndrome (Trisomy 21)	Lecture cum discussion & Group discussion	3
Unit 8	Genetic Testing in the neonates and children • Screening for Congenital abnormalities Developmental delay Dysmorphism	Lecture cum discussion & Group discussion	2
Unit 9	Genetic Conditions of adolescents and adults • Cancer genetics – Familial Cancer • Inborn errors of metabolism • Blood group alleles and hematological disorder • Genetic haemochromatosis • Huntington’s disease • Mental illness	Lecture cum discussion & Group discussion	2

Unit 10	Services related to Genetics • Genetic testing • Human genome project • Gene therapy • The Eugenics movement • Genetic Counseling Legal and Ethical issues Role of nurse	Lecture cum discussion & Group discussion	5
Unit 11	Introduction • Definitions • Sources • Terminology used • Type: Classification • Pharmacodynamics: Actions, therapeutic, • Adverse, toxic • Pharmacodynamics: 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 cum discussion	3
Unit 12	Chemotherapy • Pharmacology of commonly used; o Penicillin o Cephalosporins o Aminoglycosides o Macrolide & Broad Spectrum Antibiotics o Sulfonamides o Quinolones o antiamebic o Antimalarials o Anthelminitics o Antiviral & anti fungal agents o Antitubercular drugs o Anti leprosy drugs o Anticancer drugs o Immuno – suppressants • Composition, action, dosage, route, indication, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion	6
Unit 13	Pharmacology of commonly used antiseptics disinfectants and insecticides • Antiseptics; Composition, action, dosage, route, indications, contraindications, drug interaction, adverse effects, toxicity and role of nurse • Disinfectant • Insecticides	Lecture cum discussion	2
Unit 14	Drugs acting on G.I. system • Pharmacology of commonly used o Antiemetics, o Emetics o Purgatives o Antacids o Cholinergic o Anticholinergics o Fluid and electrolyte therapy o Anti diarrhoeals o Histamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion & Drug Presentation	2
Unit 15	Drugs used on Respiratory System • Pharmacology of commonly used o Antiasthmatics o Mucolytics o Decongestants o Expectorants o Antitussives o Bronchodilators o Bronchoconstrictors o Antihistamines • Composition, action, dosage, route, indications, contraindications, drug intereactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion & Drug Presentation	2
Unit 16	Drugs used on Urinary System • Pharmacology of commonly used – o Diuretics and antidiueretics o Urinary	Lecture cum discussion & Drug Presentation	2

	antiseptics o Cholinergic and anticholinergics o Acidifiers and alkalanizers • Composition, action, dosage, route, indication, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse		
Unit 17	Miscellaneous • Drugs used in de-addiction • Drugs used in CPR and emergency • Vitamins and minerals • Immunosuppresants • Antidotes	Lecture cum discussion & Drug Presentation	4
Unit 18	Drugs used on skin and mucous membranes • Topical applications for skin, eye, ear, nose and buccal cavity antipruritics • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion & Drug Presentation	1
Unit 19	Drug acting on Nervous system • Basic & applied pharmacology of commonly used: • Analgesics and Anaesthetics o Analgesia - Non steroidal anti-inflammatory (NSAID) drugs o Antipyretics o Hypnotics and Sedatives - Opioids - Tranquilizers - General & local anesthetics - Gases: oxygen, nitrous oxide, carbon – dioxide • Cholinergic and anti-cholinergics: o Muscle relaxants o Major tranquilizers o Anti – psychotics o Antidepressants o Anticonvulsants o Adrenergics o Noradrenergics o Mood stabilizers o Acetylcholine o Stimulants • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion & Drug Presentation	8
Unit 20	• Haematinics • Cardiotonics • Anti anginals • Anti – hypertensives & vasodilators • Anti arrhythmics • Plasma expanders • Coagulants & anticoagulants • Antiplatelets & thrombolytics • Hypolipidemics • Composition, action, dosage, route, indications, contra indications, drug interactions, side effects, adverse effects, toxicity and role of nurse	Lecture cum discussion & Drug Presentation	8

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 6	Mendelian theory of inheritance	Case Study	BL2-Understand	2
Unit 7	Maternal, prenatal and genetic influences on development of defects and diseases	Seminar	BL3-Apply	2
Unit 8	Genetic Conditions of adolescents and adults	Case Study	BL3-Apply	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Udaykumar P. (2017). Pharmacology for Nurses. (2nd ed.). New Delhi, India: Jaypee Publisher
Articles	Ethical, Legal, and Social Issues - https://www.ncbi.nlm.nih.gov/books/NBK132157/
References Books	Sharma K. S. (2016). Textbook of Pharmacology, pathology and genetic for Nurses. New Delhi, India: Jaypee Brothers Medical Publishers.
MOOC Courses	https://www.coursera.org/courses?query=genetics
Videos	Solving Genetics Problems - https://www.youtube.com/watch?v=Qcmdb25Rnyo

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	2	-	-	2	-	1	2	-	2	2	2	2
CO2	2	1	2	-	2	2	1	2	2	-	2	-	1	-	-
CO3	1	2	-	1	1	-	2	-	-	-	1	-	-	-	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Medical Surgical Nursing -I*
Course Code	BNSG 303 [P]

Part A

Year	2nd	Semester	3rd	Credits	L	T	P	C
					0	0	9	9
Course Type	Embedded theory and lab							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Explain nursing care based on the steps of nursing practice in collaboration with individual and groups (BL1-Remember)</p> <p>CO2- Demonstrate skills in providing comprehensive nursing care within framework of ethics and legal principles(BL3-Apply)</p> <p>CO3- Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection to amplify the employability prowess(BL4-Analyze)</p> <p>CO4- Participate as members of health team in caring for clients in hospital(BL5-Evaluate)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit-1	Assessment of the patient ^{6.R.} Taking history ^{6.R.} ^{6.R.} Perform general and specific physical examination ^{6.R.} Identify alterations and deviations ^{6.R.} Practice medical surgical asepsis-standard safety measures ^{6.R.} Administer medications ^{6.R.} Oral, IV, IM, Subcutaneous ^{6.R.} IV therapy ^{6.R.} IV canulation ^{6.R.} Maintenance and monitoring ^{6.R.} Oxygen therapy by different methods ^{6.R.} Nebulization ^{6.R.} Chest physiotherapy ^{6.R.} Naso gastric feeding ^{6.R.} Assist in common diagnostic procedure ^{6.R.} Perform/Asst in therapeutic procedures ^{6.R.} Blood and component therapy ^{6.R.} Throat suctioning ^{6.R.} Collect specimens for common investigations ^{6.R.} Maintain elimination ^{6.R.} Catheterisation ^{6.R.} Bowel wash ^{6.R.} Enema ^{6.R.} Urinary Drainage ^{6.R.} Maintain Intake, output and documentation ^{6.R.} Counsel and teach related to teach related to specific disease conditions	Field work	BL3-Apply	360

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (1st Vol.). Neitherland: Wolter Kluwer.
Articles	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (1st Vol.). Neitherland: Wolter Kluwer.
References Books	Basavanthappa B. T. (2015) Medical Surgical Nursing. (2nd ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
MOOC Courses	https://www.my-mooc.com/en/video/ergonomics-in-the-workplace-workplace-safety-webinar
Videos	Musculoskeletal disorders - https://www.youtube.com/watch?v=7ib0ICAP8yw

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	-	2	-	2	2	2	2	2	1	-	-	1
CO2	1	2	-	2	2	2	1	-	-	2	-	-	-	1	-
CO3	2	1	2	1	2	-	2	2	2	2	2	2	-	-	-
CO4	2	1	-	2	2	-	-	2	2	-	-	-	-	2	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Medical - Surgical -I
Course Code	BNSG 303 [T]

Part A

Year	2nd	Semester	3rd	Credits	L	T	P	C	
					5	0	0	5	
Course Type	Theory only								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Explain nursing care based on the steps of nursing practice in collaboration with individual and groups.(BL1-Remember)</p> <p>CO2- Demonstrate skills in providing comprehensive nursing care within framework of ethics and legal principles.(BL3-Apply)</p> <p>CO3- Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection to amplify the employability prowess(BL4-Analyze)</p> <p>CO4- Participate as members of health team in caring for clients in hospital.(BL5-Evaluate)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>INTRODUCTION TO MEDICAL SURGICAL NURSING • Introduction to medical surgical nursing –Evolutions and trends of medical and surgical nursing. • Review of Concepts of Health & illness. Disease concepts, causations, classification- International Classification of Disease (ICD-10 or later version), acute illness chronic illness & Terminal illness, stages of illness. • Review of concepts of comprehensive nursing care in medical surgical conditions based on nursing process. • Role of Nurse, patient and family in care of adult patient. • Role and responsibilities of a nurse in medical surgical settings. o Outpatient department. o In patient unit. o Intensive care unit. o Home and Community settings. • Introduction to Medical Surgical asepsis o Inflammation and Infection. o Immunity o Wound healing. • Care of Surgical Patient. o Pre- Operative o Intra- Operative o Post - Operative</p>	Lecture cum discussion , Demonstration & Re - demonstration	10
Unit 2	<p>COMMON SIGNS AND SYMPTOMS AND MANAGEMENT • Fluid an electrolyte imbalance. • Vomiting. • Dyspnea and cough, respiratory obstruction. • Fever • Shock • Unconsciousness, Syncope. • Pain • Incontinence. • Edema. • Age related problems – geriatric.</p>	Lecture cum discussion , Demonstration & Re - demonstration	15
Unit 3	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH DISORDERS OF DIGESTIVE SYSTEM) • Review of anatomy and physiology of digestive system. • Nursing Assessment History and Physical assessment. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management. • Disorders of o Oral cavity – lips, gums, tongue, salivary glands and teeth. o Oesophagus- inflammation, stricture, obstruction, bleeding and tumours. o Stomach and deudenum - hiatus hernia, gastritis, peptic and deudenal ulcer, bleeding and tumours, pyloric stenosis. o Small intestinal disorders inflammation and infection, entritis, malabsorption, obstruction, tumour and perforation. o Large intestinal disorders-colitis, inflammation and infection, obstruction and tumour and lump o Hernias o Appendix – inflammation, mass, abscess, rupture. o Anal & Rectum-hemorrhoids, fissures, fistulas. o Peritonitis/ acute abdomen. o Pancreas; inflammation, cyst, abscess and tumours, o Liver-inflammation,</p>	Lecture cum discussion , Demonstration & Re - demonstration	30

	<p>cyst, abscess, cirrhosis, portal hypertension, hepatic failure, tumours. o Gall Bladder; inflammation, obstruction, stones and tumours. • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of digestive system.</p>		
Unit 4	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH GENITO – URINARY PROBLEMS. • Review of anatomy and physiology of genito- urinary system. • Nursing assessment history and physical assessment. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of-</p> <ul style="list-style-type: none"> • Nephritis • Nephrotic syndrome • Nephrosis • Renal calculus • Tumours • Acute renal failure • Chronic renal failure • End stage renal disease • Dialysis, renal transplant • Congenital disorders, urinary infections. • Benign prostate hypertrophy • Disorders of ureter, urinary bladder and urethra-inflammation, infection, stricture, obstruction, tumour, prostate. • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of genito-urinary disorders 	Lecture cum discussion , Demonstration & Re - demonstration	10
Unit 5	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH DISORDERS OF ENDOCRINE SYSTEM • Review of anatomy and physiology of endocrine system. • Nursing assessment – History and Physical assessment. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of –</p> <ul style="list-style-type: none"> o Disorders of Thyroid and Parathyroid o Diabetes mellitus o Diabetes insipidus o Adrenal tumour o Pituitary disorders <p>• Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of endocrine system.</p>	Lecture cum discussion , Demonstration & Re - demonstration	10

Unit 6	<p>Nursing management of patient (adults including elderly) with musculoskeletal problems</p> <p>Review of anatomy and physiology of musculoskeletal system,</p> <p>Nursing Assessment-History and Physical assessment</p> <p>Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics and nursing management of -</p> <p>Muscles, Ligaments and joints-inflammation, infection, trauma</p> <p>Bones inflammation, infection, dislocation, fracture, tumour and trauma</p> <p>Osteomalacia and osteoporosis</p> <p>Arthritis</p> <p>Congenital deformities</p> <p>Spinal column – defects and deformities, tumor, Prolapsed inter vertebral disc, pott’s spine</p>	Lecture cum discussion , Demonstration & Re - demonstration	15
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH DISORDERS OF DIGESTIVE SYSTEM)	Case Study	BL3-Apply	2
Unit 3	NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH GENITO – URINARY PROBLEMS	Case Study	BL3-Apply	2
Unit 4	NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH DISORDERS OF ENDOCRINE SYSTEM	Case Study	BL3-Apply	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (1st Vol.). Neitherland: Wolter Kluwer.
Articles	A systematic review of work-related musculoskeletal disorders and risk factors among computer users - https://www.sciencedirect.com/science/article/pii/S240584402401106X
References Books	Basavanthappa B. T. (2015) Medical Surgical Nursing. (2nd ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
MOOC Courses	https://www.my-mooc.com/en/video/ergonomics-in-the-workplace-workplace-safety-webinar
Videos	Musculoskeletal disorders - https://www.youtube.com/watch?v=7ib0ICAP8yw

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	-	2	-	2	2	2	2	2	1	-	-	1
CO2	1	2	-	2	2	2	1	-	-	2	-	-	-	1	-
CO3	2	1	2	1	2	-	2	2	2	2	2	2	-	-	-
CO4	2	1	-	2	2	-	-	2	2	-	-	-	-	2	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Community Health Nursing - I*
Course Code	BNSG 401 [P]

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					0	0	3	3
Course Type	Embedded theory and field work							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Identify and perform the roles and responsibilities of Nurses in implementing various national health programs instigate employability skill sets. (BL1-Remember) CO2- Explain the concepts and determinants of health (BL2-Understand) CO3- Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings (BL3-Apply) CO4- Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings (BL4-Analyze)							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✓ Environment ✓		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	☐ Use Techniques of interpersonal relationship ☐ Identification of health determinants of community ☐ History taking ☐ Physical examination ☐ Collect specimen sputum, malaria smear ☐ Perform simple lab tests at centre-blood for Hemoglobin and sugar, urine for albumin and sugar ☐ Administer vaccines and medications to adults ☐ Counsel and teach individual, family and community ☐ Nutrition ☐ Hygiene ☐ Self health monitoring ☐ Seeking health services ☐ Healthy life style ☐ Family welfare methods ☐ Health promotion	Field work	BL3-Apply	135

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Part E

Books	Bijayalakshmi D. (2017). A Comprehensive Textbook of Community Health Nursing. New Delhi, India: Jaypee Brothers Medical Publishers
Articles	Epidemiology is about disease in populations - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7695987/
References Books	Basvanthapa B.T. (2015). Community Health Nursing. New Delhi, India: Jaypee Brothers Medical Publishers. 5. Ghai S. (2020). Clinical Nursing Procedures Pgimer National Institute of Nursing Education. (2nd ed.). Chennai
MOOC Courses	https://www.mooc-list.com/course/data-use-disease-control-global-health-decision-making-coursera
Videos	Epidemiological Studies - https://www.youtube.com/watch?v=Jd3gFT0-C4s

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	2	-	3	-	2	2	-	1	-	2	1	2
CO2	1	1	3	1	2	-	-	2	-	2	1	1	1	-	1
CO3	2	2	2	-	2	1	2	-	1	2	-	-	1	1	1
CO4	1	1	-	2	-	-	1	1	2	-	1	-	-	2	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Community Health Nursing - I
Course Code	BNSG 401 [T]

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify and perform the roles and responsibilities of Nurses in implementing various national health programs instigate employability skill sets. (BL1-Remember)</p> <p>CO2- Explain the concepts and determinants of health (BL2-Understand)</p> <p>CO3- Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings (BL3-Apply)</p> <p>CO4- Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings (BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✓ Environment ✓		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction • Community Health Nursing • Definition, concept and dimensions of health • Promotion of Health • Maintenance of Health	Lecture cum discussion	2
Unit 2	Determinants of health • Eugenics • Environment :- •Physical: air, light, Ventilation, Water, Radiation, Housing, Sanitation, disposal of waste (Solid and liquid waste Disposal, Excreta Disposal), disposal of dead bodies, forestation, Noise, climate, Communication: Infrastructure facilities and Linkages. • Acts regulating the environment- National Pollution control board. • Bacterial and Viral: agents, host carriers and immunity • Arthropods and Rodents. • Food hygiene- Production, Preservation, Purchase, Preparation, Consumption. • Acts Regulating food hygiene – Prevention of Food Adulteration act, Drugs and Cosmetic Act. • Socio-cultural Customs, taboos Marriage System Family Structure Status of special groups ; Females, children, Elderly, challenged groups and sick persons • Life Style • Hygiene • Physical Activity ; Recreation and sleep , Sexual life, spiritual life philosophy, Self reliance, Dietary pattern, Education and occupation. • Financial Management ; Income, Budget, Purchasing power, Security.	Lecture cum discussion	20
Unit 3	BASICS OF EPIDEMIOLOGY. • Definition, concepts, aims, scope, uses and terminology uses in Epidemiology. • Dynamics of disease Transmission: epidemiological triad. • Morbidity and mortality measurements. • levels of prevention • Methods of epidemiology-Descriptive, Analytical and Experimental	Lecture cum discussion	10
Unit 4	EPIDEMIOLOGY AND NURSING MANAGEMENT OF COMMON COMMUNICABLE DISEASES Respiratory infections o Small Pox o Chicken Pox o Measles o Influenza o Rubella o ARI's & Pneumonia o Mumps o Diphtheria o Whooping cough o Meningococcal meningitis o Tuberculosis o SARS Intestinal Infections o Poliomyelitis o Viral Hepatitis o Cholera o Diarrhoeal diseases o Typhoid Fever o Food poisoning o Amoebiasis o Hook worm infection o Ascariasis o Dracunculiasis Arthropod infections o Dengue o Malaria o Filariasis Zoonoses Viral o Rabies o Yellow fever o Japanese encephalitis o Kyasnur Forest Disease Bacterial o Brucellosis o Plague o Human Salmonellosis o Anthrax o Leptospirosis Rickettsial diseases o Rickettsial Zoonoses o Scrub typhus o Murine typhus o Tick typhus o Q fever Parasiticzoonoses o Taeniasis o Hydatid disease o Leishmaniasis Surface infection o Trachoma o Tetanus o Leprosy o STD & RTI o Yaws o HIV/AIDS ANY OTHER	Lecture cum discussion & Case study	25
Unit 5	Epidemiology and Nursing management of Non-communicable diseases o Malnutrition: under nutrition, over nutrition, nutritional Deficiencies o Anaemia o Hypertension o Strokes o Rheumatic heart disease o Coronary heart Disease o Cancer o Diabetes mellitus o Blindness o Accidents o Mental illness o Obesity o Iodine Deficiency o Fluorosis o Epilepsy	Lecture cum discussion, Group discussion & Case study	10

Unit 6	Demography o Definition, Concept and scope o Methods of collection, analysis and interpretation of demographic Data o Demographic rates and ratios	Lecture cum discussion & Survey	6
Unit 7	Population and its control o Population explosion and its impact on social, economic development of Individual, society and country o Population control - Overall development: Women empowerment, Social, economic and educational development Limiting family size: o Promotion of small family norm o Methods: spacing(natural, biological, chemical, mechanical Methods etc) o Terminal: surgical methods o Emergency contraception	Population and its control o Population explosion and its impact on social, economic development of Individual, society and country o Population control - Overall development: Women empowerment, Social, economic and educational development Limiting family size: o Promotion of small family norm o Methods: spacing(natural, biological, chemical, mechanical Methods etc) o Terminal: surgical methods o Emergency contraception	17

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Acts Regulating food hygiene – Prevention of Food Adulteration act, Drugs and Cosmetic Act.	Case Study	BL3-Apply	2
Unit 3	Methods of epidemiology-Descriptive, Analytical and Experimental	Case Study	BL3-Apply	3
Unit 6	Epidemiology and Nursing management of Non-communicable diseases	Industrial Visit	BL3-Apply	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Bijayalakshmi D. (2017). A Comprehensive Textbook of Community Health Nursing. New Delhi, India: Jaypee Brothers Medical Publishers.
Articles	Epidemiology is about disease in populations - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7695987/
References Books	Basvanthapa B.T. (2015). Community Health Nursing. New Delhi, India: Jaypee Brothers Medical Publishers. 5. Ghai S. (2020). Clinical Nursing Procedures Pgimer National Institute of Nursing Education. (2nd ed.). Chennai
MOOC Courses	https://www.mooc-list.com/course/data-use-disease-control-global-health-decision-making-coursera
Videos	Epidemiological Studies - https://www.youtube.com/watch?v=Jd3gFT0-C4s

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	2	-	3	-	2	2	-	1	-	2	1	2
CO2	1	1	3	1	2	-	-	2	-	2	1	1	1	-	1
CO3	2	2	2	-	2	1	2	-	1	2	-	-	1	1	1
CO4	1	1	-	2	-	-	1	1	2	-	1	-	-	2	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Medical - Surgical Nursing -II
Course Code	BNSG 402 [P]

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					0	0	9	9
Course Type	Embedded theory and field work							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Explain nursing care based on the steps of nursing practice in collaboration with individual and groups. (BL2-Understand)</p> <p>CO2- Demonstrate skills in providing comprehensive nursing care within framework of ethics and legal principles. (BL3-Apply)</p> <p>CO3- Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection to amplify the employability prowess (BL4-Analyze)</p> <p>CO4- Participate as members of health team in caring for clients in hospital (BL5-Evaluate)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Practice medical surgical asepsis Standard safety measures [m] Pre operative preparation of patients [m] Post operative care-Receiving patient, assessment, monitoring, care [R] Care of wounds and drainage, [R] Suture removal [m] Ambulation and exercise [R] Naso gastric aspiration [m] Care of chest drainage [m] Ostomy care [R] Gastrostomy [R] Colostomy [R] Enterostomy [R] Blood and component therapy [R] Practice universal precautions,Physical examination of the cardio vascular system Recording and interpreting ECG [R] Monitoring of patients [R] Preparation and assisting in non-invasive and invasive diagnosis procedures. [m] Administer cardiac drugs [R] Cardio pulmonary Resuscitation [R] Teaching patients and families [R] Practice medical and surgical asepsis- Standard safety measures,Assessment of patients with skin disorders [R] Assist in diagnostic and therapeutic procedures [R] Administer topical medication [R] Practice medical surgical asepsis standard safety measures [R] Use of personal protective equipment (PPE) [R] Give medicated baths [R] Counseling HIV positive patients [R] Teaching prevention of infectious diseases.	Field work	BL4-Analyze	360

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	50	25	50	25

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (1st Vol.). Neitherland: Wolter Kluwer.
Articles	A systematic review of work-related musculoskeletal disorders and risk factors among computer users - https://www.sciencedirect.com/science/article/pii/S240584402401106X
References Books	Basavanthappa B. T. (2015) Medical Surgical Nursing. (2nd ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
MOOC Courses	https://www.my-mooc.com/en/video/ergonomics-in-the-workplace-workplace-safety-webinar
Videos	Musculoskeletal disorders - https://www.youtube.com/watch?v=7ib0ICAP8yw

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	-	2	-	2	2	2	2	2	1	-	-	1
CO2	1	2	-	2	2	2	1	-	-	2	-	-	-	1	-
CO3	2	1	2	1	2	-	2	2	2	2	1	1	-	-	-
CO4	2	1	-	2	2	-	-	2	2	-	-	-	-	2	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Medical - Surgical Nursing -II
Course Code	BNSG 402 [T]

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					5	0	0	5
Course Type	Theory only							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Explain nursing care based on the steps of nursing practice in collaboration with individual and groups.(BL2-Understand)</p> <p>CO2- Demonstrate skills in providing comprehensive nursing care within framework of ethics and legal principles.(BL3-Apply)</p> <p>CO3- Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection to amplify the employability prowess(BL4-Analyze)</p> <p>CO4- Participate as members of health team in caring for clients in hospital(BL5-Evaluate)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>NURSING MANAGEMENT OF PATIENTS (ADULTS, INCLUDING ELDERLY) WITH RESPIRATORY PROBLEMS. • Review of anatomy and physiology of respiratory system, • Nursing Assessment – History and Physical assessment. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adults including elderly with – o Upper Respiratory tract infections. o Bronchitis. o Asthma. o Emphysema. o Empyema. o Atelectasis. o Chronic Obstructive Pulmonary Diseases (COPD). o Bronchiectasis o Pneumonia o Pulmonary tuberculosis o Lung abscess o Pleural effusion o Cysts and tumours o Chest injuries o Respiratory arrest and insufficiency o Pulmonary embolism. • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of respiratory disorders.</p>	Lecture cum discussion , Demonstration & Re - demonstration	20
Unit 2	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH BLOOD AND CARDIO VASCULAR PROBLEMS • Review of anatomy and physiology of blood and cardio vascular system. • Nursing Assessment History and Physical assessment. • Etiology, Pathophysiology, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of – • Vascular system o Hypertension, Hypotension. o Arteriosclerosis. o Raynaud’s disease. o Aneurism and Peripheral vascular disorders. [] Heart • Coronary artery diseases o Ischemic Heart Disease. o Coronary atherosclerosis o Angina pectoris • Valvular disorders of the heart o Congenital and acquired o Rheumatic Heart diseases • Endocarditis, Pericarditis Myocarditis. • Cardio Myopathies. • Cardiac dysrhythmias, Heart Block • Congestive cardiac failure o Cor-pulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade • Cardiac emergencies and arrest • Cardio Pulmonary Resuscitation (CPR) • Blood o Anaemias o Polycythemia o Bleeding disorders; clotting factors defects and platelets defects. o Thalassemia o Leukaemias and agranulocytosis o Lymphomas o Myelomas • Special therapies o Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion. o Management and counseling of blood donors, phlebotomy procedure, and post donation management. Blood bank functioning and hospital transfusion committee. Bio-safety and waste management in relation to blood transfusion. o Role of a nurse in Organ donation, retrieval and banking. • Alternative therapies Nursing procedures Drugs used in treatment of blood and cardio vascular disorders.</p>	Lecture cum discussion , Demonstration & Re - demonstration	30
Unit 3	<p>NURSING MANAGEMENT OF PATIENT WITH NEUROLOGICAL DISORDERS • Review of anatomy and physiology of the neurological system • Nursing assessment History and physical and neurological assessment and Glasgow coma scale. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of neurological</p>	Lecture cum discussion , Demonstration & Re - demonstration	20

	<p>disorders. • Congenital malformations • Headache • Head Injuries • Spinal Injuries o Paraplegia o Hemiplegia o Quadriplegia • Spinal cord compression herniation of intervertebral disc • Tumors of the brain & spinal cord • Intra cranial and cerebral aneurysms • Infections: o Meningitis, Encephalitis, Brain abscess, neurocysticercosis • Movement disorders o Chorea o Seizures o Epilepsies • Cerebro Vascular Accidents (CVA) • Cranial, Spinal Neuropathies – Bell’s palsy, trigeminal neuralgia • Peripheral Neuropathies; Guillain-Barr’e Syndrome • Myasthenia gravis • Multiple sclerosis • Degenerative diseases o Delirium o Dementia o Alzheimer’s disease o Parkinson’s disease • Management of unconscious patients and patients with stroke. • Role of the nurse in communicating with patient having neurological deficit • Rehabilitation of patients with neurological deficit • Role of nurse in long stay facility (institutions) and at home • Special therapies • Nursing procedures • Drugs used in treatment of neurological disorders</p>		
Unit 4	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH DISORDERS OF INTEGUMENTARY SYSTEM. • Review to anatomy and physiology of skin and its appendages • Nursing assessment – History and Physical assessment. • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of skin and its appendages o Lesions and abrasions o Infection and infestations; Dermatitis o Dermatoses; infectious and Non infectious “inflammatory dermatoses” o Acne Vulgaris o Allergies and Eczema o Psoriasis o Malignant melanoma o Alopecia • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of Integumentary system</p>	Lecture cum discussion , Demonstration & Re - demonstration	10
Unit 5	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH COMMUNICABLE DISEASES • Overview of infectious disease, the infectious process. • Nursing assessment History and Physical assessment. • Epidemiology, infectious process, clinical manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common Communicable Diseases o Tuberculosis o diarrheal diseases o Hepatitis A-E o Herpes o chickenpox o smallpox o typhoid o Meningitis o Gas gangrene o Leprosy o Dengue o Plague o malaria o diphtheria o poliomyelitis o measles o mumps o influenza o tetanus o Yellow fever o Filariasis o HIV,AIDS • Reproductive tract infections. • Special infection control measures: notification, isolation, quarantine, immunization, infectious disease hospitals • Special therapies, alternatives therapies • Nursing procedures • Drugs used in treatment of Communicable diseases</p>	Lecture cum discussion , Demonstration & Re - demonstration	20

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	NURSING MANAGEMENT OF PATIENTS (ADULTS, INCLUDING ELDERLY) WITH RESPIRATORY PROBLEMS.	Case Study	BL4-Analyze	5
Unit 2	NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH BLOOD AND CARDIO VASCULAR PROBLEMS	Case Study	BL4-Analyze	5
Unit 3	NURSING MANAGEMENT OF PATIENT WITH NEUROLOGICAL DISORDERS	Case Study	BL4-Analyze	5

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	15
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (1st Vol.). Neitherland: Wolter Kluwer.
Articles	A systematic review of work-related musculoskeletal disorders and risk factors among computer users - https://www.sciencedirect.com/science/article/pii/S240584402401106X
References Books	Basavanhappa B. T. (2015) Medical Surgical Nursing. (2nd ed.). New Delhi, India: Jaypee Brothers Medical Publishers.
MOOC Courses	https://www.my-mooc.com/en/video/ergonomics-in-the-workplace-workplace-safety-webinar
Videos	Musculoskeletal disorders - https://www.youtube.com/watch?v=7ib0ICAP8yw

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	1	-	2	-	2	2	2	2	2	1	-	-	1
CO2	1	2	-	2	2	2	1	-	-	2	-	-	-	1	-
CO3	2	1	2	1	2	-	2	2	2	2	1	2	-	-	-
CO4	2	1	-	2	2	-	-	2	2	-	-	-	-	2	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Communication and Educational Technology
Course Code	BNSG 403

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					4	0	0	4
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify the latest approaches to education and learning(BL1-Remember)</p> <p>CO2- Develop basic understanding of theoretical foundations and principles of teaching and learning(BL3-Apply)</p> <p>CO3- Analyze and use different teaching methods effectively that are relevant to student population and settings(BL4-Analyze)</p> <p>CO4- Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students(BL5-Evaluate)</p> <p>CO5- Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards to foster teaching skills(BL6-Create)</p>							
Coures Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Review of communication process • Process; elements and channel • Facilitators • Barriers and methods of overcoming • Techniques	Lecture cum discussion & Role Play	5
Unit 2	Interpersonal relations • Purpose and types • Phases • Barriers and methods of overcoming • Johari Window	Lecture cum discussion & Role Play	5
Unit 3	Human relations • Understanding self • Social behavior, motivation, social attitudes • Individual and groups • Groups and individual • Human relations in context of nursing • Group dynamics • Team work	Lecture cum discussion , Games , Role Play & Group discussion	5
Unit 4	Guidance and counseling • Definition • Purpose, scope and need • Basic principles • Organization of counseling services • Types of counseling approaches • Roles and preparation of counselor • Issues for counseling in nursing; students and practitioners • Counseling process- steps and techniques, tools of counselor • Managing disciplinary problems • Management of crisis and referral	Lecture cum discussion & Role Play	10
Unit 5	Principles of education and teaching learning process:- • Education: Meaning, philosophy, aims, functions & principles. • Nature and characteristics of learning. • Principles and maxims of teaching. • Formulating objectives: general and specific. • Lesson planning and class room management.	Lecture cum discussion, Micro - teaching	5
Unit 6	Methods of teaching: • Lecture, demonstration, group discussion, seminar, symposium, panel discussion role play, project, field trip, workshop, exhibition, programmed instruction, computer assisted learning, micro teaching, problem based learning, self instructional module and simulation. etc • Clinical teaching methods: case method, nursing round and reports, bed side clinic, conference (individual and group), process recording.	Lecture cum discussion, Group discussion	10
Unit 7	Educational Media:- • Purposes, principles and types of A.V. Aids, principles and sources etc • Graphic Aids: chalk Board, Chart, Graph, Poster, Flash card, flannel graph, bulletin, cartoon. • Three dimensional aids: objects, specimens, models, puppets. • Printed aids: pamphlets and leaflets • Project aids: slides, OHP, films, TV, VCR/VCD, Camera, Microscope, LCD. • Audio Aids: Tape Recorder, public address system. • Computer.	Lecture cum discussion, Group discussion	10
Unit 8	Assessment  Purpose & scope of evaluation & assessment.  Criteria for selection of assessment techniques and methods.  Assessment of knowledge: essay type questions, Short answer questions(SAQ), Multiple choice questions (MCQ).  Assessment of skills: observation checklist, practical exam, Viva, Objective structured clinical examination (OSCE).  Assessment of Attitudes: Attitude scales.	Lecture cum discussion, Group discussion	5
Unit 9	Information education and communication for health (IEC) • Health Behavior and health education. • Planning for Health Education. • Health Education with individuals, groups and communities. •	Lecture cum discussion, Group discussion & Case Study	5

Communicating health messages. • Methods and media for communicating health messages. • Using mess media	
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 3	• Group dynamics • Team work	Games	BL3-Apply	5
Unit 6	• Issues for counseling in nursing; students and practitioners	Role Play	BL4-Analyze	10
Unit 7	Educational Media	Seminar	BL3-Apply	8
Unit 8	Assessment of skills: observation checklist, practical exam, Viva, Objective structured clinical examination (OSCE).	Games	BL4-Analyze	7

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Kumari N. (2017). A PV Text Book of Communication & Education Technology. (1st ed.). Jalandhar, India: Pee Vee Publishers
Articles	Effective Teaching Methods in Higher Education: Requirements and Barriers - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5065908/
References Books	Ezhilarasu P. (2018). Educational Technology for Nurses. (1st ed.). Gurugram, India: Wolters Kluwer Publishers.
MOOC Courses	https://www.mooc-list.com/tags/communication-skills
Videos	Introduction to Instructional Media - https://www.youtube.com/watch?v=sJPJf0xOZ0E

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	1	-	3	1	1	2	1	-	-	1	-	2	1
CO2	3	2	1	1	-	3	2	-	1	3	3	-	3	2	2
CO3	1	2	2	2	-	2	3	2	-	2	2	2	2	1	-
CO4	1	-	-	-	2	-	-	1	2	1	-	2	1	-	2
CO5	1	2	1	1	-	1	2	2	1	-	1	1	1	1	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Personality Development
Course Code	BNSG 404

Part A

Year	2nd	Semester	4th	Credits	L	T	P	C
					1	0	0	1
Course Type	Theory only							
Course Category	Discipline Electives							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- describe about human personality development(BL2-Understand) CO2- improve interpersonal skills(BL3-Apply) CO3- develop problem solving and decision making skills (BL4-Analyze)							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✗ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	PRESENTATION CLASSES 1. Speech making 2. Pictorial analysis 3. Impersonation 4. Oral reporting 5. Impromptu Speech 6. Story developing 7. Narrative and descriptive presentations 8. Elocution and inflection 9. Retrieval, factual and experiential presentations. 10. Paraphrasing 11. Context building 12. Idea presentations 13. Event analyses 14. Oral reporting 15. One-minute speech 16. Public speaking	Lecture cum discussion, Group discussion & Role Play	10
Unit 2	PHONETIC CLASSES (10 hrs) 1. Phoneme studies 2. Long and short vowels 3. Diphthongs 4. Consonant classification 5. Syllables and syllabic division 6. Speech organs, areas of articulation and exercise 7. Elocution & inflection 8. Stress pattern 9. Neutral accents 10. Intonation 11. American and British styles 12. Word contracts 13. Stress on paradigm shift 14. Rhythm	Lecture cum discussion, Group discussion & Role Play	10
Unit 3	PERSONALITY DEVELOPMENT 1. Basic human personality 2. Personality domains and development 3. Universal human values 4. Personality in the face of cross-culture environment 5. Balancing between your career personality and social personality 6. Self-confidence 7. Interpersonal skills 8. Memory development 9. Cognitive area development 10. Corporate personality 11. Relevance of spiritualism 12. Banishment of phobias 13. Value of exercise 14. Yoga classes (for educational success) 15. Outfits 16. Making friends 17. Socialization 18. Present work culture and new challenges 19. Problem-solving and decision-making 20. Life skills	Lecture cum discussion, Group discussion & Role Play	10

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Idea presentations	Role Play	BL4-Analyze	2
Unit 3	Interpersonal skills	Role Play	BL4-Analyze	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
75	38	0	0	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	McAdams, D. P. (2006). The person: An introduction to the science of personality psychology (4th ed.). Wiley
Articles	https://www.researchgate.net/publication/281274737_Effect_of_personality_development_program_for_medical_and_nursing_students_A_pilot_study
References Books	Shiner, R. L., Buss, D. M., & Plomin, R. (2017). Personality development across the lifespan. Cambridge University Press.
MOOC Courses	https://www.my-mooc.com/en/categorie/personal-development
Videos	Learn Phonics - https://www.youtube.com/watch?v=zhbC-3Fu77E

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	1	-	1	-	-	1	-	1	-	1	-	-	1	-	-
CO2	-	1	-	-	1	-	1	-	1	-	1	1	-	1	-
CO3	1	-	1	-	-	-	-	1	-	1	-	-	1	-	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Medical Surgical Nursing Advance -I*
Course Code	BNSG 501 [P]

Part A

Year	3rd	Semester	5th	Credits	L	T	P	C	
					0	0	3	3	
Course Type	Embedded theory and field work								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities(BL1-Remember)</p> <p>CO2- Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.(BL2-Understand)</p> <p>CO3- Develop the understanding and skills in critical thinking and decision making to manage the complications related to various diseases and implementing the rehabilitative services to enhance employability(BL3-Apply)</p> <p>CO4- Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.(BL4-Analyze)</p> <p>CO5- Maintain safe environment for patients and the health care personnel in the hospital to build up employability skillset(BL5-Evaluate)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	<p> [K1] Perform examination of ear, nose and throat [K2] Assist with diagnostic procedures [K2] Assist with therapeutic procedures [K2] Instillation of drops [K2] Perform/assist with irrigations. [K2] Apply ear bandage [K2] Perform tracheostomy care [K2] Teach patients and families, [K2] Perform examination of eye [K2] Assist with diagnostic procedures [K2] Assist with therapeutic procedures [K2] Perform/assist with irrigations [K2] Apply eye bandage [K2] Apply eye drops/ointments [K2] Assist with foreign body removal [K2] Teach patients and families, [K2] Screen for common cancers – TNM classification [K2] Assist with diagnostic procedures [K2] Biopsies [K2] Pap smear [K2] Bone – marrow aspiration [K2] Breast examination [K2] Assist with therapeutic procedures [K2] Participates in various modalities of treatment [K2] Bone – marrow aspiration [K2] Breast examination [K2] Assist with therapeutic procedures [K2] Participates in various modalities of treatment, [K2] Chemotherapy [K2] Radiotherapy [K2] Pain management [K2] Stoma therapy [K2] Hormonal therapy [K2] Immuno therapy [K2] Gene therapy [K2] Alternative therapy [K2] Participate in palliative care [K2] Counsel and teach patients families [K2] Self Breast Examination [K2] Warning sings [K2] Participate in rehabilitation program, [K2] Monitoring of patients in ICU [K2] Maintain flow sheet [K2] Care of patients on ventilators [K2] Perform Endotracheal suction [K2] Demonstrates use of ventilators, cardiac monitors etc. [K2] Collect specimens and interprets ABG analysis [K2] Assist with arterial puncture [K2] Maintain CVP line [K2] Pulse oximetry [K2] COR-ALS [K2] Defibrillators [K2] Pace makers [K2] Bag-mask ventilation [K2] Emergency tray/trolley-crash cart [K2] Administration of drugs [K2] Infusion pump [K2] Epidural [K2] Intrathecal [K2] Intracardiac [K2] Total parenteral therapy, [K2] Chest physiotherapy [K2] Perform active & passive exercises [K2] Counsel the patient and family in dealing with grieving and bereavement </p>	Field work	BL3-Apply	140

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (2nd Vol.). Neitheland: Wolter Kluwer
Articles	Oncological Diseases and Social Costs Considerations on Undertaken Health Policy Interventions - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7216217/
References Books	William S. L. & Hopper D. P. (2019). Understanding Medical Surgical Nursing. (4th ed.). Philadelphia, United states: F.A. Davis Company.
MOOC Courses	Operation Theatre Technique - https://www.youtube.com/watch?v=k5vulXJgqXk&list=PLYRyCcgxqlXSD6PXcxpTSahSgsnhUHtxd&index=1
Videos	https://www.mooc-list.com/tags/rehabilitation

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	2	3	1	3	-	3	1	-	1	1	2	-	1
CO2	2	2	1	1	-	2	2	2	-	2	3	2	2	2	1
CO3	2	2	-	1	2	-	-	2	2	3	2	3	-	-	1
CO4	2	-	1	1	2	1	2	2	1	1	-	2	3	2	-
CO5	1	2	-	2	-	-	2	1	-	-	1	-	1	-	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Medical Surgical Nursing Advance -I
Course Code	BNSG 501 [T]

Part A

Year	3rd	Semester	5th	Credits	L	T	P	C	
					3	0	0	3	
Course Type	Theory only								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.(BL1-Remember)</p> <p>CO2- Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.(BL2-Understand)</p> <p>CO3- Develop the understanding and skills in critical thinking and decision making to manage the complications related to various diseases and implementing the rehabilitative services to enhance employability(BL3-Apply)</p> <p>CO4- Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.(BL4-Analyze)</p> <p>CO5- Maintain safe environment for patients and the health care personnel in the hospital to build up employability skillset.(BL5-Evaluate)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>OPERATION THEATRE NURSING • Organization and physical set up of operation theatre. o Classification. o O.T. Design. o Staffing. o Members of the O.T. team. o Duties and responsibilities of nurse in O.T. o Principles of Health and Operating room attire. o Instruments. o Sutures and suture materials. o Equipments. o OT tables and sets for common surgical procedures. o Positions and draping for common surgical procedures. o Scrubbing procedures. o Gowning and gloving. o Preparation of O.T Sets. o Monitoring the patient during surgical procedures. • Maintenance of therapeutic environment in O.T. • Standard safety measures. o Infection control, Medical and surgical asepsis, fumigation, disinfection and sterilization, Antiseptics. o Biomedical waste management. o Prevention of accidents and hazards in O.T. • Anaesthesia o Types o Methods of Administration. o Effects and stages o Equipments o Drugs • Cardio pulmonary resuscitation (CPR). • Pain management techniques. • Legal Aspects.</p>	Lecture cum discussion, Demonstration & Re demonstration	10
Unit 2	<p>NURSING MANAGEMENT OF A PATIENT IN CRITICAL CARE UNIT • Nursing Assessment History and Physical assessment • Classification • Principles of critical care nursing • Organization; Physical setup, Policies, staffing norms • Protocols, equipments and supplies • Special equipments; ventilators, cardiac monitors, defibrillators, • Resuscitation equipments • Infection Control Protocols • Nursing management of critically ill patient • Monitoring of critically ill patient • CPR- Advance Cardiac life support • Treatment and procedures • Transitional care • Ethical and Legal Aspects • Communication with patient and family • Intensive care records • Crisis Intervention • Death and Dying – coping with • Drugs used in critical care unit</p>	Lecture cum discussion, Demonstration , Role Play , Health education & Case Study	10
Unit 3	<p>NURSING MANAGEMENT OF PATIENT IN EMERGENCY & DISASTER SITUATIONS DISASTER NURSING • Concepts and principles of Disaster nursing • Causes and types of Disaster: Natural and Man-made o Earthquakes, floods, Epidemics, Cyclones o Fire, Explosion, Accidents o Violence, Terrorism; biochemical war • Policies related to emergency/ disaster management; International, national, state, institutional • Disaster preparedness: • Team, Guidelines, protocols, Equipments, Resources •</p>	Lecture cum discussion, Demonstration , Role Play , Health education & Case Study	10

	<p>Coordination and involvement of; Community, various govt. department, non-govt. organizations and International agencies • Role of nurse: working • Legal Aspects of Disaster Nursing • Impact on Health and after effects; Post Traumatic stress Disorder • Rehabilitation ; physical, psychosocial, financial, Relocation [] Emergency Nursing • Concepts, priorities, principles and scope of emergency nursing • Organization of emergency services: Physical setup, staffing, equipment and supplies, protocols, Concepts of triage ad role of triage nurse. • Coordination and involvement of different department and facilities • Nursing Assessment History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of patient with medical and surgical emergency • Principles of emergency management • Common Emergency • Respiratory Emergencies • Cardiac Emergencies • Shock and Haemorrhage • Pain • Poly Trauma, road accidents, crush injuries, wound. • Bites • Poisoning; Food, Gas, Drugs & chemical poisoning • Seizures • Thermal Emergencies; Heart stroke & Cold injuries • Pediatric Emergencies • Psychiatric Emergencies • Obstetrical Emergencies • Violence, Abuse, Sexual assault • Cardio Pulmonary Resuscitation • Crisis Intervention • Role of the nurse; Communication and Inter Personal Relations • Medico-Legal Aspects;</p>		
Unit 4	<p>NURSING MANAGEMENT OF A PATIENT WITH ONCOLOGICAL CONDITIONS • Structure & characteristics of normal & cancer cells • Nursing assessment history and physical assessment • Prevention, screening, Early detection, Warning signs of cancer • Epidemiology, Etiology, Classification, Pathophysiology, Staging, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of oncological conditions • Common malignancies of various body systems; Oral, larynx, lung, Stomach and Colon, Liver, Leukemias and lymphomas, Breast. Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc • Oncological emergencies • Modalities of treatment o Immunotherapy o Chemotherapy o Radiotherapy o Surgical Interventions o Stem cell and Bone marrow transplants o Gene therapy o Other forms of treatment • Psychosocial aspects of cancer. • Rehabilitation • Palliative care; Symptom</p>	Lecture cum discussion, Demonstration , Role Play , Health education & Case Study	10

	<p>and Pain Management, Nutritional support • Home care • Hospice care • Stomal therapy • Special therapies o Phychosocial aspects • Nursing procedures</p>		
Unit 5	<p>NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH IMMUNOLOGICAL PROBLEMS • Review of Immune system, • Nursing Assessment History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- • Immunodeficiency disorder. • Primary immuno deficiency • Phagocytic dysfunction. • B-cell and T-cell deficiencies. • Secondary immunodeficiencies. • Acquired immunodeficiency syndrome (AIDS) • Incidence of HIV & AIDS. • Epidemiology • Transmission – Prevention of Transmission. • Standard safety precautions. • Role of Nurse; Counseling. • Health education and home care consideration. • National AIDS control program – NACO, various national and international agencies. • Infection control program. • Rehabilitation. • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of immunological system</p>	<p>Lecture cum discussion, Demonstration , Role Play , Health education & Case Study</p>	10
Unit 6	<p>NURSING MANAGEMENT OF PATIENT WITH DISORDERS OF EAR NOSE AND THROAT. • Review of anatomy and physiology of the Ear Nose and Throat • Nursing Assessment - History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & surgical nursing management of Ear Nose and throat disorders: o External ear: deformities otalgia,foreign bodies, and tumours o Middle Ear- Impacted wax, Tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours o Inner Ear – Meniere’s Disease , labyrinthitis, ototoxicity, tumours o Upper airway infections – Common cold, sinusitis, ethinitis, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsilar abscess, laryngitis • Upper respiratory airway – epistaxis, • Nasal obstruction, laryngeal obstruction, cancer of the larynx • Cancer of the oral cavity • Speech defects and speech therapy • Deafness- • Prevention, control and rehabilitation • Hearing Aids, implanted hearing devices • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of Ear Nose and Throat • Role of nurse communicating with hearing impaired and muteness.</p>	<p>Lecture cum discussion, Demonstration , Role Play , Health education & Case Study</p>	10

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	NURSING MANAGEMENT OF A PATIENT IN CRITICAL CARE UNIT	Case Study	BL3-Apply	2
Unit 3	NURSING MANAGEMENT OF PATIENT IN EMERGENCY & DISASTER SITUATIONS DISASTER NURSING	Role Play	BL4-Analyze	3
Unit 4	NURSING MANAGEMENT OF A PATIENT WITH ONCOLOGICAL CONDITIONS	Case Study	BL4-Analyze	2
Unit 5	NURSING MANAGEMENT OF PATIENT (ADULTS INCLUDING ELDERLY) WITH IMMUNOLOGICAL PROBLEMS	Case Study	BL4-Analyze	2

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Sharma K. S., Madhani S. (2017). Brunner & Suddarth's Textbook of MSN. (2nd Vol.). Neitheland: Wolter Kluwer
Articles	Oncological Diseases and Social Costs Considerations on Undertaken Health Policy Interventions - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7216217/
References Books	William S. L. & Hopper D. P. (2019). Understanding Medical Surgical Nursing. (4th ed.). Philadelphia, United states: F.A. Davis Company.
MOOC Courses	https://www.mooc-list.com/tags/rehabilitation
Videos	Operation Theatre Technique - https://www.youtube.com/watch?v=k5vulXJgqXk&list=PLYRyCcgxqIXSD6PXcxpTSahSgsnhUHtxd&index=1

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	2	3	1	3	-	3	1	-	3	1	2	-	1
CO2	2	2	1	1	-	2	2	1	-	2	1	2	2	2	1
CO3	2	2	-	1	2	-	-	1	2	3	2	3	-	-	1
CO4	2	-	1	1	2	1	2	1	-	1	-	2	3	2	-
CO5	1	2	-	2	-	-	2	2	1	-	1	-	1	-	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Child Health Nursing
Course Code	BNSG 502 [P]

Part A

Year	3rd	Semester	5th	Credits	L	T	P	C	
					0	0	7	7	
Course Type	Embedded theory and field work								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Describe the role of preventive paediatrics and perform preventive measures towards accidents (BL2-Understand)</p> <p>CO2- Apply the knowledge of pathophysiology and provide nursing care to children with various disorders to foster employability(BL3-Apply)</p> <p>CO3- Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation(BL4-Analyze)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Taking Paediatric History Physical examination and assessment of children Administer of oral, I/M & IV medicine/fluids Calculation of fluid requirements Prepare different strengths of I.V. fluids Apply restraints Administer O2 inhalation by different methods Give baby bath feed children by katori spoon, etc Collect specimens for common investigations Assist with common diagnostic procedures Teach mothers/parents Malnutrition Oral rehydration therapy Feeding & Weaning Immunization schedule Play therapy Specific Disease conditions Calculate, prepare and administer I/V fluids Do bowel wash Care for ostomies Colostomy Irrigation Ureterostomy Gastrostomy Enterostomy. Assessment of children Health assessment Developmental assessment Immunization Health/ Nutritional Education, Care of a baby in incubator/warmer Care of a child on ventilator Endotracheal suction Chest physiotherapy Administer fluids with infusion pump Total parenteral nutrition Photo therapy Monitoring of babies Cardio Pulmonary resuscitation	Field work	BL4-Analyze	270

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	50	25	50	25

Part E

Books	Marlow D.R. & Redding. B.A. Textbook of Pediatric Nursing. (1st ed.). New Delhi, India: Elsevier Publisher.
Articles	Benefits of Kangaroo Mother Care on the Physiological Stress Parameters of Preterm Infants and Mothers in Neonatal Intensive Care - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9223087/
References Books	Sharma R. (2013). Essentials of Pediatric Nursing. (1st ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://www.coursera.org/learn/teaching-early-home-based-childhood
Videos	Stages Of Human Growth And Development - https://www.youtube.com/watch?v=9d4ODP5n8Ps

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	3	2	3	2	-	2	1	1	-	2	3	1
CO2	2	1	1	2	1	-	1	3	1	3	2	1	2	1	-
CO3	1	1	1	1	-	2	-	1	-	2	-	2	2	-	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Child Health Nursing
Course Code	BNSG 502 [T]

Part A

Year	3rd	Semester	5th	Credits	L	T	P	C	
					4	0	0	4	
Course Type	Theory only								
Course Category	Foundation core								
Pre-Requisite/s				Co-Requisite/s					
Course Outcomes & Bloom's Level	<p>CO1- Describe the role of preventive paediatrics and perform preventive measures towards accidents(BL2-Understand)</p> <p>CO2- Apply the knowledge of pathophysiology and provide nursing care to children with various disorders to foster employability(BL3-Apply)</p> <p>CO3- Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation(BL4-Analyze)</p>								
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction modern concept of child care • Internationally accepted rights of the child • National policy and legislations in relation to child health and welfare • National programmes related to child health and welfare • Agencies related to welfare services to the children • Changing trends in hospital care, preventive, promotive and curative aspects of child health • Child morbidity and mortality rates • Differences between an adult and child • Hospital environment for a sick child • Impact of hospitalization on the child and family • Grief and bereavement • The role of a child health nurse in caring for a hospitalized child • Principles of pre and post operative care of infants and children • Child health nursing procedures	Lecture cum discussion & Demonstration	15
Unit 2	The healthy child • Principles of growth and development • Factors affecting growth and development • Growth and development from birth to adolescence • The needs of normal children through the stages of development and parental guidance • Nutritional needs of children and infants: breast feeding, exclusive breast feeding, supplementary / artificial feeding and weaning • Baby friendly hospital concept • Accidents; causes and prevention • Value of play and selection of play material • Preventive immunization, immunization programme and cold chain • Preventive pediatrics Care of under five and under five clinics/well baby clinics	Lecture cum discussion & Demonstration	20
Unit 3	Nursing care of a neonate • Nursing care of a normal newborn/essential newborn care • Neonatal resuscitation • Nursing management of a low birth weight baby • Kangaroo mother care • Nursing management of common neonatal disorders • Organization of neonatal unit • Identification and nursing management of common congenital malformations	Lecture cum discussion & Demonstration	15
Unit 4	Integrated management of neonatal and childhood illness (IMNCI)	Lecture cum discussion & Demonstration	10
Unit 5	Nursing management in common childhood diseases • Nutritional deficiency disorders • Respiratory disorders and infections • Gastrointestinal infections, infestations and congenital disorders • Cardiovascular problem: congenital defects and rheumatic fever, rheumatic heart disease • Genitor-	Lecture cum discussion & Demonstration	20

	urinary disorders: acute glomerulo nephritis, nephritic syndrome, Wilm’s tumor, infection and congenital disorders • Neurological infections and disorders: convulsions, epilepsy, meningitis, hydrocephalus, spina bifida • Hematological disorders: anemia’s, thalassemia, ITP, Leukemia, hemophilia • Endocrine disorders: juvenile diabetes mellitus • Orthopedic disorders: club feet, hip dislocation and fracture • Disorders of skin, eye and ears • Common communicable diseases in children, their identification, nursing management in hospital and home and prevention • Child health emergencies: poisoning, foreign bodies, hemorrhage, burns and drowning • Nursing care of infant and children with HIV/AIDS		
Unit 6	Management of behavioral and social problems in children • Management of common behavioral disorders • Management of common psychiatric problems • Management of challenged children: mentally, physically and socially challenged • Welfare services for challenged children in i9ndia • Child guidance clinics	Lecture cum discussion, Visits	10

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom’s Level	Hours
Unit 1	• Changing trends in hospital care, preventive, promotive and curative aspects of child health	Seminar	BL3-Apply	2
Unit 2	• Nutritional needs of children and infants: breast feeding, exclusive breast feeding, supplementary / artificial feeding and weaning	Role Play	BL4-Analyze	2
Unit 3	• Kangaroo mother care	Role Play	BL4-Analyze	2
Unit 5	• Child health emergencies: poisoning, foreign bodies, hemorrhage, burns and drowning	Seminar	BL4-Analyze	5

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Marlow D.R. & Redding. B.A. Textbook of Pediatric Nursing. (1st ed.). New Delhi, India: Elsevier Publisher.
Articles	Benefits of Kangaroo Mother Care on the Physiological Stress Parameters of Preterm Infants and Mothers in Neonatal Intensive Care - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC9223087/
References Books	Sharma R. (2013). Essentials of Pediatric Nursing. (1st ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://www.coursera.org/learn/teaching-early-home-based-childhood
Videos	Stages Of Human Growth And Development - https://www.youtube.com/watch?v=9d4ODP5n8Ps

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	2	2	3	2	3	2	-	2	1	1	-	2	3	1
CO2	2	1	1	2	1	-	1	3	1	3	2	1	2	1	-
CO3	1	1	1	1	-	2	-	1	-	2	-	2	2	-	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course	Medical Surgical Nursing Advance -II
Course Code	BNSG 601 (P)

Part A								
Year	3rd	Semester	6th	Credits	L	T	P	C
Course Type	Embedded theory and field work				0	0	3	3
Course Category	Foundation core							
Pre-Requisites				Co-Requisites				
Course Outcomes & Bloom's Level	CO1- Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.(BL1-Remember) CO2- Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders (BL2-Understand) CO3- Develop the understanding and skills in critical thinking and decision making to manage the complications related to various diseases and implementing the rehabilitative services to enhance employability(BL3-Apply) CO4- Integrate knowledge of anatomy, physiology, pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders. (BL4-Analyze) CO5- Maintain safe environment for patients and the health care personnel in the hospital to build up employability skills(BL5-Evaluate)							
Course Elements	Skill Development ✓ Entrepreneurship X Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth)					

Part B			
Modules	Contents	Pedagogy	Hours

Part C				
Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	(i) Perform examination of eye (ii) Assist with diagnostic procedures (iii) Assist with therapeutic procedures (iv) Assist with irrigation (v) Apply eye bandage (vi) Apply eye drops/ointments (vii) Assist with foreign body removal (viii) Teach patients and families (ix) Assist with gynecological Examination (x) Assist with diagnostic procedures (xi) Assist with therapeutic procedures (xii) Teach patients families (xiii) Teaching self breast examination (xiv) Assist with PAP smear collection (xv) Assessment of the burn patient (xvi) Percentage of burns (xvii) Degree of burns (xviii) Fluid & electrolyte replacement therapy (xix) Assess (xx) Calculate (xxi) Replace (xxii) Record intake/output (xxiii) Care of burn wounds (xxiv) Bathing (xxv) Dressing (xxvi) Perform active & passive exercise (xxvii) Practice medical & surgical asepsis (xxviii) Counsel & teach patients and families (xxix) Participate in rehabilitation program (xxx) Practice triage (xxxi) Assist with assessment examination, investigations & their interpretations, in emergency and disaster situations (xxxii) Assist in legal procedures in emergency unit (xxxiii) Participate in managing crowd (xxxiv) Counsel patient and families in grief and bereavement	Field work	BL4-Analyze	130

Part D(Marks Distribution)						
Theory						
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation	
100	50	50	25	50	25	

Part E	
Books	Sharma K. S., Madhavi S. (2017). Brunner & Sudsarth's Textbook of MSN. (2nd Vol.). Netherlands: Welter Kluwer
Articles	Burns: Classification, Pathophysiology, and Treatment. A Review - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3958609/
References Books	Willum S. L. & Hopper D. P. (2019). Understanding Medical Surgical Nursing. (4th ed.). Philadelphia, United states: F.A. Davis Company.
MOOC Courses	Burns and Inhalation Injury - https://elearning.cim.org.au/enrol/index.php?id=11
Videos	https://www.google.com/search?q=vedio+on+fluid+calculation+in+burns+in+patient&rlz=1c1e1ef0x-b-d8&sa=esv=587154140a0a1cde&asr=ADLYWUJZ5CjKZOPR0mzmjM1T8tWUQ%3A171733563977&em=uhz2p-ID57zeMP3Ch2AMved=0aHJKEwJBLiX0MGaUee2wGHV5YCDsQ4dUDCB&uach=58opqVedio+on+fluid+calculation+in+burns+in+patient&gs_l=EggnQzMD26LzN0oANLjZZGwC3BnBmHvYzCBjYwYwFzswY9uGluC8iXJucyBpBwYXRqzW50MggQABABIBDIEAAYgAGYogRooYBUuDWpPp_cAFA4ZABAjgByAgheIggEXMC4ZlJ0LjYUmbgBAbgBAPgBzGcGKAC3XCAGoQABwAqjWBHhgwKECEYAEYwwQYCs3CAnHGKABGAgYwCIBgG5BgSBwgrLjYUMTUmqAho0B8&scrl=rgs-wc-sep&ipatenweb&icrc=11a2c2484-w-gfQWvRBE5Lw870

Course Articulation Matrix															
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	-	3	1	3	-	3	1	-	3	1	1	2	-	1
CO2	2	2	1	-	2	2	2	-	2	-	3	2	2	2	1
CO3	2	2	1	2	-	-	2	2	3	2	2	3	-	-	1
CO4	2	-	1	2	1	2	2	1	1	-	1	2	3	2	-
CO5	1	2	1	-	-	2	1	-	-	1	1	-	1	-	2
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course	Mental Health Nursing
Course Code	BNSG 602 (P)

Part A				
Year	3rd	Semester	6th	Credits
Course Type	Embedded theory and field work			
Course Category	Foundation core			
Pre-Requisites			Co-Requisites	
Course Outcomes & Bloom's Level	CO1- Identify and describe the philosophy and principle of mental health and psychiatric nursing and classify the mental disorder. (BL1-Remember) CO2- Describe the etiological factors and psychopathology, clinical features, diagnostic criteria and treatment methods for mental health disorders. (BL2-Understand) CO3- Communicate therapeutically with patient and their families. (BL3-Apply)			
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)	

Part B			
Modules	Contents	Pedagogy	Hours

Part C				
Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	1) History taking 2) Perform mental status examination (MSE) 3) Assist in Psychometric assessment 4) Perform Neurological examination 5) Observe and assist in therapies 6) Teach patients and family member 7) History taking 8) Perform mental status examination (MSE) 9) Perform Neurological examination 10) Assist in psychometric assessment 11) Record therapeutic communication 12) Administer medications 13) Assist in Electro Convulsive Therapy (ECT) 14) Participate in all therapies 15) Prepare patients for Activities of Daily living (ADL) 16) Conduct admission and discharge counseling 17) Counsel and teach patients and families. Assist in psychometric assessment 18) Observe and assist in various therapies 19) Teach family and significant others. 20) Conduct case work 21) Identify individuals with mental health problems 22) Assists in mental health camps and clinics 23) Counsel and Teach family members, patients and community	Field work	BL4-Analyze	270

Part D(Marks Distribution)					
Total Marks	Minimum Passing Marks	Theory			
		External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Total Marks	Minimum Passing Marks	Practical			
		External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	50	25	50	25

Part E	
Books	Townsend C. M. & Morgan I. K. (2017). Psychiatric Mental Health Nursing Concepts of Care in Evidence-Based Practice. (9th ed.). Philadelphia, United states: F.A. Davis Company.
Articles	Childhood Onset Schizophrenia and Early Onset Schizophrenia spectrum disorders - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3771646/
References Books	Baputty S., Sethi S. & Hilam S. (2014). Mental Health Nursing. (1st ed.). Oxford, United Kingdom: Oxford University Press.
MOOC Courses	https://www.coursera.org/learn/schizophrenia
Videos	Mental Status Exam - https://www.youtube.com/watch?v=Q_SaR0zXgFk

COs	Course Articulation Matrix														
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
CO1	3	1	3	1	1	2	1	3	1	2	3	1	2	-	2
CO2	3	2	1	2	-	2	2	1	1	1	1	2	1	2	1
CO3	1	-	2	-	2	1	1	2	-	3	1	-	2	2	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course		Mental Health Nursing	
Course Code		BNSG 602 [T]	
Part A			
Year	3rd	Semester	6th
Course Type	Theory only		
Course Category	Foundation core		
Pre-Requisites			
Course Outcomes & Bloom's Level	CO1- Identify and describe the philosophy and principle of mental health and psychiatric nursing and classify the mental disorder. (BL1-Remember) CO2- Describe the etiological factors and psychopathology, clinical features, diagnostic criteria and treatment methods for mental health disorders. (BL2-Understand) CO3- Communicate therapeutically with patient and their families. (BL3-Apply)		
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)

Modules		Contents	Pedagogy	Hours
Unit 1		Introduction • Perspectives of mental health & mental health nursing: Evolution of mental health services, treatment and nursing practices. • Prevalence and incidence of mental health problem and disorders • Mental health act • National Mental Health Policy vis a vis National health policy • National Mental Health Programme • Mental Health Team • Nature & Scope of mental health nursing • Role and function of mental health nurse in various settings and factors affecting the level of nursing practice • concepts of normal and abnormal behavior	Lecture cum discussion	5
Unit 2		Principles and concepts of Mental Health Nursing • Definition: Mental health nursing & terminology used. • Classification of mental disorders: ICD • Review of personality development, defense mechanism • Maladaptive behavior of individuals and groups: stress, crisis and disaster(s) • Etiology: bio-psychosocial factors • Psychopathology of mental disorders: Review of structure of brain, limbic system and abnormal neurotransmission • Principles of mental health nursing • Standards of Mental Health Nursing Practice • Conceptual models and role of nurse • Existential models, psychoanalytical model, behavioral model, interpersonal model.	Lecture cum discussion, Group discussion & Demonstration	5
Unit 3		Assessment of mental health status • Psychiatric History Taking • Mental Status Examination & Mini MSE • Neurological examination • Investigations: related blood chemistry, EEG, CT and MRI • Psychological tests: Role and responsibilities of nurse	Lecture cum discussion, Group discussion & Demonstration	8
Unit 4		Therapeutic communication and nurse patient relationship • types, techniques, characteristics • Types of relationship • Ethics and responsibilities • Elements of nurse patient contact • Review of techniques of IPR - Johari Window • Goals, phases, tasks, therapeutic techniques • Therapeutic impasse and its intervention	Lecture cum discussion, Group discussion & Demonstration	6
Unit 5		Treatment modalities & therapies used in mental disorders and role of nurse • Psychopharmacology • Psychological therapies: therapeutic community, psychotherapy • Individual therapy, psychoanalytical, cognitive and supportive, group therapy, family therapy, behavioral therapy, play therapy, psychodrama, music, dance, recreational and light therapy, relaxation therapies, yoga, meditation, bio feedback • Alternative system of medicine • Occupational therapy • Physical therapy: Electro convulsive therapy • Geriatric consideration: Role of nurse in above therapies	Lecture cum discussion, Group discussion & Demonstration	14
Unit 6		Nursing management of patient with schizophrenia & other psychotic disorders • Classification: ICD • Etiology, psychopathology, types, clinical manifestations, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Geriatric consideration • Nursing management, follow-up & home care and rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	5
Unit 7		Nursing management of patient with mood / affective disorders • Mood /Affective disorders • Etiology, psychopathology, clinical manifestations, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Geriatric consideration • Follow-up & home care and rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	5
Unit 8		Nursing management of patient with neurotic, stress related & somatization disorders • Anxiety disorders, phobias, dissociation and conversion disorders, obsessive-compulsive disorders, somatoform disorder, post-traumatic stress disorder • Etiology Psychopathology, clinical manifestations, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Geriatric consideration • Follow-up & home care and rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	8
Unit 9		Nursing management of patient with substance use disorders • Commonly used psychotropic substances: classification/ types, forms, routes, action, intoxication & withdrawal • Etiology of dependence, tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment (detoxification, antabuse & narcotic antagonist therapy & harm reduction) • Geriatric consideration • Follow-up & home care and rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	5
Unit 10		Nursing Management of patient with personality, sexual and eating disorders • Classification of disorders • Etiology, psychopathology, characteristics, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Geriatric consideration • Follow-up & home care and rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	4
Unit 11		Nursing management of childhood & adolescent disorders including mental deficiency • Classification • Etiology, psychopathology characteristics, diagnosis • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Follow-up & home care & rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	6
Unit 12		Nursing management of organic brain disorders • Classification: ICD • Etiology, psychopathology, clinical features, diagnosis and differential diagnosis (Parkinsons and Alzheimer's) • Nursing Assessment: History taking, physical & mental status assessment • Treatment modalities • Geriatric consideration • Follow-up & home care & rehabilitation.	Lecture cum discussion, Group discussion & Demonstration	5
Unit 13		Psychiatric emergencies & crisis intervention • Types of psychiatric emergencies & their management • Stress adaptation model: stress and stressor, coping, resources & mechanism • Grief - Theories, process, principles, techniques of counseling • Crisis: Types, principles, techniques & process of crisis intervention • Geriatric consideration • Role & responsibilities of a nurse	Lecture cum discussion, Group discussion & Demonstration	4
Unit 14		Legal issues in mental health nursing • The mental Health Act 1987: Acts, Sections, Articles and their implications etc • Indian Lunacy Act 1912 • Rights of mentally ill clients • Forensic Psychiatry • Acts related to narcotic & psychotropic substances & illegal drug trafficking • Admission & discharge procedures • Role & responsibilities of a nurse	Lecture cum discussion, Group discussion & Demonstration	4
Unit 15		Community Mental Health Nursing • Development of Community Mental Health Services • National Health Programme • Institutionalization versus deinstitutionalization • Model of preventive psychiatry • Mental Health Services available at primary, secondary, tertiary levels including rehabilitation and role of nurse • Mental Health Agencies: government and voluntary, National and international • Mental Health nursing issues for special populations: Children, Adolescence, women, elderly, victims of violence & abuse, disabled HIV/AIDS etc.	Lecture cum discussion, Group discussion & Demonstration	4

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Review of personality development, defense mechanism.	Seminar	BL4-Analyze	2
Unit 3	Assessment of mental health status.	Case Study	BL4-Analyze	3
Unit 4	Therapeutic communication and nurse patient relationship	Role Play	BL3-Apply	2
Unit 15	Mental Health nursing issues for special populations: Children, Adolescence, women, elderly, victims of violence & abuse, disabled HIV/AIDS etc.	Industrial Visit	BL4-Analyze	5

Part D(Marks Distribution)					
Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
150	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E	
Books	Townsend C. M. & Morgan I. K. (2017). Psychiatric Mental Health Nursing Concepts of Care in Evidence-Based Practice. (9th ed.). Philadelphia, United States: FA, Davis Company.
Articles	Childhood Onset Schizophrenia and Early Onset Schizophrenia spectrum disorders - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC377164/
References Books	Baputy S., Sethi S. & Hitam S. (2014). Mental Health Nursing. (1st ed.). Oxford, United Kingdom: Oxford University Press.
MOOC Courses	https://www.coursera.org/learn/schizophrenia
Videos	Mental Status Exam - https://www.youtube.com/watch?v=Q_SaR0zXXfk

Course Articulation Matrix															
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	1	3	1	1	2	1	3	1	2	3	1	2	-	2
CO2	3	2	2	2	1	2	1	2	1	1	1	2	1	2	1
CO3	1	-	2	-	2	1	1	2	-	3	1	-	2	2	2
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course	Nursing Research and Statistics
Course Code	BNSG 603

Part A				
Year	3rd	Semester	6th	Credits
Course Type	Theory only			
Course Category	Discipline Core			
Pre-Requisites				Co-Requisites
Course Outcomes & Bloom's Level	CO1- Identify research priority areas(BL1-Remember) CO2- Understand the terms and concepts of nursing research(BL2-Understand) CO3- Applying the knowledge of research process through identification of research problem, literature review, designing the research study, collecting the data and analysing the data and presenting the data(BL3-Apply) CO4- Conduct the research projects in groups to enhance entrepreneurship abilities (BL4-Analyze) CO5- Gain the skills for dissemination of knowledge through communication of research findings to nursing fraternity(BL5-Evaluate)			
Coeres Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values ✓ Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)	

Part B			
Modules	Contents	Pedagogy	Hours
Unit 1	Research and research process (R) Introduction and need for nursing research (R) Definition of Research & nursing research (R) Steps of scientific method (R) Characteristics of good research (R) Steps of Research process-overview	Lecture cum discussion	4
Unit 2	Research Problems/Question (R) Identification of problem area (R) Problem statement (R) Criteria of a good research problem. (R) Writing objective	Lecture cum discussion, demonstration	3
Unit 3	Review of Literature (R) Location (R) Sources (R) On line search; CINHAL, COCHRANE etc. (R) Purposes (R) Method of review	Lecture cum discussion, demonstration	3
Unit 4	Research approaches and designs (R) Historical, survey and experimental Qualitative and Quantitative designs	Lecture cum discussion, demonstration	4
Unit 5	Sampling and data collection (R) Definition of population, sample, Sampling criteria, factors influencing sampling process, types of sampling techniques, (R) Data- why, what, from whom, when and where to collect (R) Data Collection methods and instruments (R) Methods of data collection (R) Questioning, interviewing (R) Observations, record analysis and measurement (R) types of instruments (R) Validity & Reliability of the Instrument (R) Pilot study (R) Data collection procedure	Lecture cum discussion, demonstration	8
Unit 6	Analysis of data (R) Compilation, Tabulation, classification, summarization, presentation, interpretation of data	Lecture cum discussion, demonstration	4
Unit 7	Introduction to statistics (R) Definition, use of statistics, scales of measurement (R) Frequency distribution and graphical presentation of data (R) Mean, Median, Mode, Standard deviation (R) Normal probability and tests of significance (R) Co-efficient of correlation. (R) Statistical packages and its application	Lecture cum discussion, demonstration	15
Unit 8	Communication and utilization of Research (R) Communication of research findings (R) Verbal report (R) Writing research report (R) Writing scientific article/paper - Critical review of published research - Utilization of research findings	Lecture cum discussion, demonstration	4

Part C				
Modules	Title	Indicative-ABC/APBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Writing objective	Field work	BL3-Apply	2
Unit 3	Review of Literature (R) Location (R) Sources (R) On line search; CINHAL, COCHRANE etc. (R) Purposes (R) Method of review	Field work	BL4-Analyze	3
Unit 8	Communication of research findings	Research Paper Presentation	BL4-Analyze	2

Part D(Marks Distribution)					
Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E	
Books	Poli D.F. & Beck C.T. (2018). Essentials of Nursing Research: Appraising Evidence for Nursing Practical. (10th ed.). New Delhi, India: Wolters Kluwer publishers
Articles	Methodology for research II - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5037945/
References Books	Basavanthappa B.T. (2014). Biostatistics for Nurses. (1st ed.). New Delhi, India: Jaypee Publishers.
MOOC Courses	https://www.my-mooc.com/en/categories/statistics-and-probability
Videos	Research Methods - https://www.youtube.com/watch?v=6skCMCb3FY

Course Articulation Matrix																
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03	
CO1	1	1	-	-	2	2	-	1	1	2	-	1	2	-	1	
CO2	-	-	1	1	2	-	2	-	-	2	2	1	-	2	-	
CO3	1	1	-	-	2	2	-	2	1	2	-	-	2	-	1	
CO4	-	-	1	-	2	2	-	2	-	2	2	1	-	-	-	
CO5	1	-	-	-	2	-	-	2	-	-	-	-	1	1	-	
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course	Midwifery & Obstetrical Nursing - I*
Course Code	BNSG 604 (P)

Part A								
Year	3rd	Semester	6th	Credits	L	T	P	C
Course Type	Embedded theory and field work				0	0	3	3
Course Category	Foundation core							
Pre-Requisites					Co-Requisites			
Course Outcomes & Bloom's Level	CO1- Identify and manage normal newborn and high risk neonates & manage high risk pregnancy, abnormal labor and puerperium including appropriate referrals(BL2-Understand) CO2- Describe the physiology and management of pregnancy, labour and puerperium(BL3-Apply) CO3- Provide youth friendly health services and care for women affected by gender based violence to develop employability skills(BL4-Analyze)							
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)		SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)				

Part B			
Modules	Contents	Pedagogy	Hours

Part C				
Modules	Title	Indicative-ABC/APBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	[8 Antenatal history taking [8 Physical examination [8 Recording of Weight & B.P. [8]hb & Urine testing for sugar and albumin [8 Antenatal examination abdomen and breast [1 Immunization [1 Assessment of risk status [1 Teaching antenatal mothers [1 Maintenance of Antenatal records [1 Assessment of Woman in labour [1 Per vaginal examinations and interpretation [8 Monitoring and caring of woman in labour [2 Maintenance of partograph [8 Conduct vaginal delivery [1 New born assessment and immediate care [2 Resuscitation of newborn [1 Assessment of risk status of newborn [2 Episiotomy and suturing [2 Maintenance of labour and birth records [2 Arrange for and assist with caesarean section and care for woman & baby during Caesarean [1 Arrange for and assist with MTP and other surgical procedures [6 admission and assessment of mother and baby [1 Identification of deviations [1 Care of postnatal mother and baby [8 Perineal care [8 Lactation management [1 Breast feeding [1 Baby bath [1 Immunization [1 Teaching postnatal mother [1 Mother craft [1 Post natal care & Exercises [1 Immunization [1 Newborn assessment [1 Admission of neonates [6 Feeding of at risk neonates [8 Kabori spoon, palad, tube feeding, total parenteral nutrition [8 Thermal management of neonates-kangaroo mother care, care of baby in incubator [8 Monitoring and care of neonates [8 Administering medications [1 Intravenous therapy [1 Assisting with diagnostic procedure [1 Assisting with exchange transfusion [7 Care of baby on ventilator [7 Phototherapy [1 Infection control protocols in the nursery [8 Teaching and counselling of parents [8 Maintenance of neonatal records	Field work	BL3-Apply	180

Part D(Marks Distribution)					
Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
0	0	0	0	0	0

Part E	
Books	Konar H. (2015). Dc Dutta textbook of Obstetrics. (8th ed.). New Delhi, India: Jaypee Publisher.
Articles	Neonatal Evaluation - https://www.ncbi.nlm.nih.gov/books/NBK558943/
References Books	Jacob A. (2019). A Comprehensive Textbook of Midwifery and Gynecological Nursing. (5th ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://www.itflo.org/courses/mooc-combating-forced-labour-through-skills-and-lifelong-learning
Videos	Mechanism of Normal Labour - https://www.youtube.com/watch?v=2M5DMMMPK

Course Articulation Matrix															
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	-	2	-	2	-	1	1	-	1	-	1	1
CO2	2	1	2	2	2	2	2	2	2	2	2	-	2	1	2
CO3	1	2	1	-	1	-	2	-	1	1	-	1	-	1	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020
(SONS)(BSc_Nursing)

Title of the Course	Midwifery & Obstetrical Nursing - I			
Course Code	BNSG 604 (T)			
Part A				
Year	3rd	Semester	6th	Credits
Course Type	Theory only			L: 2, T: 0, P: 0, C: 2
Course Category	Foundation core			
Pre-Requisites	Co-Requisites			
Course Outcomes & Bloom's Level	CO1- Identify and manage normal newborn and high risk neonates & manage high risk pregnancy, abnormal labor and puerperium including appropriate referrals (BL2-Understand) CO2- Describe the physiology and management of pregnancy, labour and puerperium (BL3-Apply) CO3- Provide youth friendly health services and care for women affected by gender based violence to develop employability skills (BL3-Apply)			
Course Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics X Gender X Human Values X Environment X	SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)	

Modules		Contents	Pedagogy	Hours
Unit 1		Introduction to Midwifery and Obstetrical Nursing- • Introduction to concepts of midwifery & Obstetrical nursing • Trends in midwifery and obstetrical nursing • Historical perspectives & current trends • Legal and ethical aspects • Preconception care and preparing for parenthood • role of nurse in midwifery & obstetrical care • National health policy and regulations in relation to maternal health and welfare • Maternal mortality, morbidity and fertility rates	Lecture cum discussion , Demonstration & Group discussion	3
Unit 2		Review of anatomy and physiology of female reproductive system and foetal development ☐ Female pelvis-general description of the bones, joints, ligaments, planes of the pelvis diameters of the true pelvis, important landmarks, variations in pelvis shape. ☐ Female organs of reproduction-external genitalia, internal genital organs and their anatomical relations, microcirculation-blood supply, nerves, lymphatics, pelvic cellular tissue, pelvic peritoneum. ☐ Physiology of menstrual cycle ☐ Human sexuality ☐ Fetal development ☐ Conception☐ Review of fertilization, implantation (embedding of the ovum), development of the embryo and placenta at term- functions, abnormalities, the foetal sac, amniotic fluid, the umbilical cord. ☐ Foetal circulation, foetal skull, bones, sutures and measurements. ☐ Review of Genetics	Lecture cum discussion & Seminar	8
Unit 3		Assessment and management of pregnancy (ante-natal) ☐ Normal pregnancy ☐ Physiological changes during pregnancy ☐ Reproductive system ☐ Cardio vascular system ☐ Respiratory system ☐ Urinary system ☐ Gastro- intestinal system ☐ Metabolic changes ☐ Skeletal changes ☐ Skin changes ☐ Endocrine system ☐ Psychological changes ☐ Discomforts of pregnancy ☐ Diagnosis of pregnancy ☐ Signs ☐ Differential diagnosis ☐ Confirmatory test ☐ Ante-natal care ☐ Objective ☐ Assessment - History and physical examination - Antenatal Examination - Signs of previous child-birth ☐ Relationship of foetus to uterus and pelvis. Lie, Attitude, Presentation, position ☐ Per-vaginal examination. ☐ Screening and assessment for high risk. ☐ Risk approach ☐ History and Physical Examination ☐ Modalities of diagnosis. Invasive & Non-invasive, ultrasonic, cardiotography, NST, CST ☐ Antenatal preparation ☐ Antenatal counselling ☐ Antenatal exercises ☐ Diet ☐ Substance use ☐ Education for child-birth ☐ Husband and families ☐ Preparation for safe-confinement ☐ prevention from radiation ☐ Psycho-social and cultural aspects of pregnancy ☐ Adjustment to pregnancy ☐ Unwed mother ☐ Single parent ☐ Teenage pregnancy ☐ Sexual violence ☐ Adoption	Lecture cum discussion , Demonstration & Group discussion	8
Unit 4		Assessment and management of intra-natal period ☐ Physiology of labour, mechanism of labour ☐ Management of labour ☐ First stage - Signs and symptoms of onset of labour: normal and abnormal. ☐ Duration - Preparation of Labour room Women - Assessment and observation of women in labour, partogram/maternal and foetal monitoring - Active management of labour, Induction of labour - Pain relief and comfort in labour ☐ Second stage ☐ Signs and symptoms, normal and abnormal ☐ Duration ☐ Conduct of delivery: Principles and techniques ☐ Epidural (only if required) 102 ☐ Receiving the new born - Neonatal resuscitation, initial steps and subsequent resuscitation - Care of umbilical cord - Immediate assessment including screening for congenital anomalies - Identification - Bonding - Initiate feeding - Screening and transportation of the neonate ☐ Third stage ☐ Signs and symptoms, normal and abnormal ☐ Duration ☐ Methods of placental expulsion ☐ Management, Principles and techniques. ☐ Examination of the placenta. ☐ Examination of perineum. ☐ Maintaining records and reports. ☐ Fourth Stage	Lecture cum discussion , Demonstration & Group disc,Lecture cum discussion , Demonstration & Group discussion	12
Unit 5		Assessment and management of women during post natal period ☐ Normal puerperium - Physiology, Duration ☐ Postnatal assessment and management ☐ Promoting physical and emotional well-being ☐ Lactation management ☐ Immunization ☐ Family dynamics after child-birth. ☐ Family welfare services, methods, counselling ☐ Follow-up ☐ Records and reports	Lecture cum discussion , Demonstration & Group disc,Lecture cum discussion , Demonstration & Group discussion	5
Unit 6		Assessment and management of normal neonates ☐ Normal neonate. ☐ Physiological adaptation. ☐ Initial & Daily assessment ☐ Essential newborn care: Thermal control, ☐ Breast feeding, presentation of infections ☐ Immunization ☐ Minor disorders of newborn and its management ☐ Levels of neonatal care (level I, II, & III) ☐ At primary, secondary and tertiary levels ☐ Maintenance of Reports and Records	Lecture cum discussion , Demonstration & Group disc,Lecture cum discussion , Demonstration & Group discussion	6

Part C				
Modules	Title	Indicative ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Review of anatomy and physiology of female reproductive system and foetal development	Seminar	BL3-Apply	2
Unit 3	Physiological changes during pregnancy	Simulation	BL3-Apply	2
Unit 3	Antenatal preparation ☐ Antenatal counselling ☐ Antenatal exercises ☐ Diet ☐ Substance use ☐ Education for child-birth ☐ Husband and families ☐ Preparation for safe-confinement ☐ Prevention from radiation	Seminar	BL3-Apply	3
Unit 6	Minor disorders of newborn and its management	Case Study	BL3-Apply	2

Part D(Marks Distribution)						
Theory						
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation	
0	0	0	0	0	0	
Practical						
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation	

Part E	
Books	Konar H. (2015). Dc Dutta textbook of Obstetrics. (8th ed.). New Delhi, India: Jaypee Publisher.
Articles	Neonatal Evaluation - https://www.ncbi.nlm.nih.gov/books/NBK058843/
References Books	Jacob A. (2019). A Comprehensive Textbook of Midwifery and Gynecological Nursing. (5th ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://www.itilo.org/courses/mooc-combating-forced-labour-through-skills-and-lifelong-learning
Videos	Mechanism of Normal Labour - https://www.youtube.com/watch?v=2M3DXMMMPk

Course Articulation Matrix															
COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	-	2	-	2	-	1	1	-	1	-	1	1
CO2	2	1	2	2	2	2	2	2	2	2	2	-	2	1	2
CO3	1	2	1	-	1	-	2	-	1	1	-	1	-	1	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Midwifery and obstetrical Nursing
Course Code	BNSG 701 [P]

Part A

Year	4th	Semester	7th	Credits	L	T	P	C
					0	0	4	4
Course Type	Embedded theory and field work							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify and manage normal newborn and high risk neonates & manage high risk pregnancy, abnormal labor and puerperium including appropriate referrals(BL2- Understand)</p> <p>CO2- Describe the physiology and management of pregnancy, labour and puerperium(BL3- Apply)</p> <p>CO3- Provide youth friendly health services and care for women affected by gender based violence to develop employability skills(BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)				

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	<p> [RE] Assessment of Woman in labour [RE] [RE] Pervaginal examinations and interpretation [RE] Monitoring and caring of woman in labour [RE] Maintenance of partograph [RE] Conduct normal delivery [RE] New born assessment and immediate care [RE] Resuscitation of newborns [RE] Assessment of risk status of newborn [RE] Episiotomy and suturing [RE] Maintenance of labour and birth records [RE] Arrange for and assist with caesarean section and care for woman & baby during Caesarean [RE] Arrange for and assist with MTP and other surgical procedures, [RE] Examination and assessment of mother and Baby [RE] Identification of deviations [RE] Care of postnatal mother and baby [RE] Perineal care [RE] Lactation management [RE] Breast feeding [RE] Baby bath [RE] Immunization [RE] Teaching postnatal mother: [RE] Mother craft [RE] Post natal care & Exercises [RE] Immunization IV [RE] Newborn assessment [RE] Admission of neonates [RE] Feeding of at risk neonates [RE] Katori spoon, paladi, tube feeding, total parenteral nutrition [RE] Thermal management of neonates-kangaroo mother care, care of baby in incubator [RE] Monitoring and care of neonates [RE] Administering medications [RE] Intravenous therapy [RE] Assisting with diagnostic procedure [RE] Assisting with exchange transfusion [RE] Care of baby on ventilator [RE] Phototherapy [RE] Infection control protocols in the nursery [RE] Teaching and counselling of parents [RE] Maintenance of neonatal records V [RE] Counselling techniques [RE] Insertion of IUD [RE] Teaching on use of family planning methods [RE] Arrange for and assist with family planning operations [RE] Maintenance of record and reports </p>	Field work	BL4-Analyze	180

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	50	25	50	25

Part E

Books	Konar H. (2015). Dc Dutta textbook of Obstetrics. (8th ed.). New Delhi, India: Jaypee Publisher.
Articles	Phototherapy - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8245715/
References Books	Jacob A. (2019). A Comprehensive Textbook of Midwifery and Gynecological Nursing. (5th ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://acls.com/certifications/nrp-certification/
Videos	https://globalhealthmedia.org/videos/teaching-points-for-newborn-resuscitation/

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	-	2	-	2	-	1	1	-	1	-	1	1
CO2	2	1	2	2	2	2	2	2	2	2	2	-	2	1	2
CO3	1	2	1	-	1	-	2	-	1	1	-	1	-	1	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Midwifery and obstetrical Nursing
Course Code	BNSG 701 [T]

Part A

Year	4th	Semester	7th	Credits	L	T	P	C
					2	0	0	2
Course Type	Theory only							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify and manage normal newborn and high risk neonates & manage high risk pregnancy, abnormal labor and puerperium including appropriate referrals(BL2-Understand)</p> <p>CO2- Describe the physiology and management of pregnancy, labour and puerperium(BL3-Apply)</p> <p>CO3- Provide youth friendly health services and care for women affected by gender based violence to develop employability skills(BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	High – risk pregnancy – assessment & management [RH] Screening and assessment [RH] Ultrasonic, cardiotomography, NST, CST, non-invasive & invasive, [RH] Newer modalities of diagnosis [RH] High-risk approach [RH] Levels of care; primary, secondary and tertiary levels [RH] Disorders of pregnancy [RH] Hyper-emesis gravidarum, bleeding in early pregnancy, abortion, ectopic Pregnancy, vesicular mole, [RH] Ante-partum haemorrhage. [RH] Uterine abnormality and displacement. [RH] Diseases complicating pregnancy [RH] Medical and surgical conditions [RH] Infections, RTI (STD), UTI, HIV, TORCH [RH] Gynecological diseases complicating pregnancy [RH] Pregnancy induced hypertension & diabetes, [RH] Rh incompatibility [RH] Mental disorders [RH] Adolescent pregnancy, elderly primi and grand multipara [RH] Multiple pregnancy [RH] Abnormalities of placenta & cord [RH] Intra-uterine growth-retardation [RH] Nursing management of mothers with high-risk pregnancy [RH] Maintenance of records and report	Lecture cum discussion & Demonstration	10
Unit 2	Abnormal Labour-assessment and management [RH] Disorders in labour [RH] CPD and contracted pelvis [RH] Malpositions and malpresentations [RH] Premature labour, disorders of uterine actions-precipitate labour, prolonged labour [RH] Complications of third stage: injuries to birth canal [RH] Obstetrical emergencies and their management [RH] Presentation and prolapsed of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock [RH] Obstetrical procedures and operations; [RH] Induction of labour, forceps, vacuum, version, manual removal of placenta, caesarean section, destructive operations [RH] Nursing management of women undergoing Obstetrical operations and procedures	Lecture cum discussion & Demonstration	10
Unit 3	Abnormalities during Postnatal Periods [RH] Assessment and management of woman with postnatal complications [RH] Puerperal infections, breast engorgement & infections, UTI, thrombo-Embolic disorders, post - partum hemorrhage, Eclampsia and subinvolution. [RH] Psychological complications: - Post partum Blues - Post partum Depression - Post partum Psychosis	Lecture cum discussion & Demonstration	4
Unit 4	Assessment and management of High risk newborn [RH] Admission of neonates in the	Lecture cum discussion & Demonstration	10

	<p>neonatal intensive care unit – protocols [11] Nursing management of : - Low birth weight babies - Infections - Respiratory problems - Hemolytic disorders - Birth injuries - Malformations [11] Monitoring of high risk neonates [11] Feeding of high risk neonates [11] Organisation and management of neonatal intensive care units [11] Infection control in neonatal intensive care units [11] Maintenance of reports and records</p>		
Unit 5	<p>Pharmaco-therapeutics in obstetrics [11] Indication, dosage, action, contra-indication and side effects of drugs [11] Effect of drugs on pregnancy, labour & puerperium, [11] Nursing responsibilities in the administration of drug in obstetrics – Oxytocins, antihypertensives, diuretics, tocolytic agents, anticonvulsants, [11] Analgesics and anesthetics in obstetrics. [11] Effects of maternal medication on foetus and neonate</p>	Lecture cum discussion & Demonstration	4
Unit 6	<p>Family Welfare programme [11] Population trends and problems in India [11] Concepts, aims, importance and history of family welfare programme [11] National Population : dynamics, policy and education [11] National family welfare programme; RCH, ICDS, MCH. Safe motherhood [11] Organization and administration; at national, state, district, block and village levels [11] Methods of contraception; spacing, temporary and permanent, Emergency contraception [11] Infertility and its management [11] Counseling for family welfare [11] Latest research in contraception [11] Maintenance of vital statistics [11] Role of national, international and voluntary organizations [11] Role of a nurse in family welfare programme [11] Training/supervision/Collaboration with other functionaries in community like ANMs. LHV's. Anganwadi workers, TBAs (Traditional birth attendant Dai)</p>	Lecture cum discussion & Demonstration	10

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	Assessment and management of normal neonates	Seminar	BL4-Analyze	2
Unit 2	Nursing management of mothers with high-risk pregnancy	Case Study	BL4-Analyze	2
Unit 3	Family Welfare programme	Industrial Visit	BL4-Analyze	3

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Konar H. (2015). Dc Dutta textbook of Obstetrics. (8th ed.). New Delhi, India: Jaypee Publisher.
Articles	Phototherapy - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8245715/
References Books	Jacob A. (2019). A Comprehensive Textbook of Midwifery and Gynecological Nursing. (5th ed.). New Delhi, India: Jaypee Publisher.
MOOC Courses	https://acls.com/certifications/nrp-certification/
Videos	https://globalhealthmedia.org/videos/teaching-points-for-newborn-resuscitation/

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	3	-	2	-	2	-	1	1	-	1	-	1	1
CO2	2	1	2	2	2	2	2	2	2	2	2	-	2	1	2
CO3	1	2	1	-	1	-	2	-	1	1	-	1	-	1	1
CO4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Community Health Nursing -II
Course Code	BNSG 702 [P]

Part A

Year	4th	Semester	7th	Credits	L	T	P	C
					0	0	3	3
Course Type	Embedded theory and field work							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe epidemiological methods and principles of prevention and control of illness in the community. (BL1-Remember)</p> <p>CO2- Discuss about effective management of health information in community diagnosis and intervention(BL2-Understand)</p> <p>CO3- Demonstrate the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports to evolve employability skills(BL3-Apply)</p> <p>CO4- Implement the knowledge of national health care delivery system and participate in planning and providing the care to individuals and families in the community set up.(BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓			SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG6(Clean water and sanitation) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)			

Part B

Modules	Contents	Pedagogy	Hours
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Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 1	<p>Community health survey Community diagnosis family care: Home adaptation of common procedures Home visit: Bag technique Organize and conduct clinics antenatal, postnatal, well baby clinic, camps etc Screen manage and referrals for: High risk mothers and neonates Accidents and emergencies Illnesses: Physical and mental Disabilities Conduct delivery at centre/home: episiotomy and suturing Resuscitate newborn School health programme Screen, manage, refer children Collaborate with health and allied agencies Train and supervise health workers Provide family welfare services: insertion of IUD Counsel and teach individuals, family and community about: HIV, TB, Diabetes, hypertension, Mental health, adolescents, elderly's health, physically and mentally challenged individuals etc Collect and calculate vital health statistics Document and maintain Individual, family and administrative records. Write reports – center, diseases, national health programme/projects.</p>	Field work	BL4-Analyze	135

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	50	25	50	25

Part E

Books	Park K. (2019). Park's Textbook of Preventive and Social Medicine. Banarsidas Bhanot Publishers.
Articles	Sanitation and Health - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2981586/
References Books	Manivannan S. D. (2017). Textbook of Community Health Nursing-I. Chennai, India: CBS Publishers.
MOOC Courses	https://www.my-mooc.com/en/mooc/commhealthworkers
Videos	BAG TECHNIQUE - https://www.youtube.com/watch?v=5zm6Keeomms

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2	-	-	3	2	3	1	-	2	-	2	2	1
CO2	2	-	2	3	2	1	2	2	3	2	3	2	1	3	3
CO3	1	2	-	2	-	-	2	-	2	3	-	2	1	2	2
CO4	1	-	2	-	3	2	-	2	-	-	2	-	1	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Community Health Nursing -II
Course Code	BNSG 702 [T]

Part A

Year	4th	Semester	7th	Credits	L	T	P	C
					4	0	0	4
Course Type	Theory only							
Course Category	Foundation core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Describe epidemiological methods and principles of prevention and control of illness in the community.(BL1-Remember)</p> <p>CO2- Discuss about effective management of health information in community diagnosis and intervention(BL2-Understand)</p> <p>CO3- Demonstrate the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports to evolve employability skills(BL3-Apply)</p> <p>CO4- Implement the knowledge of national health care delivery system and participate in planning and providing the care to individuals and families in the community set up.(BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✓ Employability ✓ Professional Ethics ✗ Gender ✓ Human Values ✓ Environment ✓			SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education) SDG5(Gender equality) SDG6(Clean water and sanitation) SDG8(Decent work and economic growth) SDG17(Partnerships for the goals)			

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction ^[P.1] Definition, concept & scope of Community Health and Community Health Nursing. ^[H] Historical development of ^[W] Community health ^[W] Community health Nursing - Pre-independence - Post-independence	Lecture cum discussion, Group discussion & Role Play	4
Unit 2	Health planning and policies and problems ^[H] National health planning in India Five Year Plans ^[H] Various communities and commissions on health and family welfare ^[W] Central Council for Health and family welfare (CCH and FW) ^[P.2] National health policies (1983, 2002) ^[W] National population policy ^[H] Health problems in India ^[H] Environmental pollution: Cause, effects and control measures ^[W] Acts related to environmental health ^[W] Environment protection act ^[H] Air (prevention and control of pollution) Act ^[W] Water (prevention and control of pollution) Act ^[W] Wild life protection act ^[W] Forest conservation act ^[W] Issues involved in enforcement of environmental legislation	Lecture cum discussion, Group discussion & Role Play	6
Unit 3	Delivery of community health services ^[H] Planning, budgeting and material management of SCs, PHC and, CHC ^[H] Rural : Organization staffing and functions of rural health services provided by government at: ^[W] Village ^[W] Subcentre ^[W] Primary health centre ^[W] Community health centre/sub divisional ^[W] Hospitals ^[W] District ^[W] State ^[W] Centre ^[H] Urban: Organization, staffing and functions of urban health services provided by government at: ^[W] Slums ^[W] Dispensaries ^[W] Maternal and child health centers ^[W] Special Clinics ^[W] Hospitals ^[W] Corporation/Municipality/ Board ^[W] Components of health services ^[H] Environmental sanitation – causes, effects and control measures of urban waste. ^[W] Health education ^[W] Vital statistics ^[P.3] M.C.H. antenatal, natal, postnatal, MTP Act, female foeticide act, child adoption act. ^[W] Family welfare ^[W] National health programmes ^[W] School health services ^[W] Occupational health – solid waste management, cause effect and control measures. ^[W] Defense services	Lecture cum discussion, Group discussion & Role Play	15
Unit 4	Community health nursing approaches, concepts and roles and responsibilities of nursing personnel ^[W] Approaches ^[W] Nursing theories and nursing process ^[W] Epidemiological approach ^[H] Problems solving approach ^[W] Evidence based	Lecture cum discussion, Group discussion , Demonstration & Role Play	25

	<p>approach Empowering people to care for themselves Concepts of Primary Health Care : Equitable distribution Community participation Focus on prevention Use of appropriate technology Multi-sectoral approach Roles and responsibilities of Community health nursing personnel in – Family health services Information Education communication (IEC) - Role in environment and health. Management Information System (MIS): Maintenance of Records & reports Training and supervision of various categories of health workers National Health Programmes Environmental sanitation Maternal and child health and Family welfare Treatment of minor ailments School Health Services Occupational Health Organization of clinics, camps: Types, Preparation, Planning, conduct and evaluation Waste management in the center, clinics etc. Home visit: Concept, Principles, Process, Techniques: Bag technique in home visit Qualities of Community Health Nurse Job Description of Community health nursing personnel</p>		
<p>Unit 5</p>	<p>Assisting individuals and groups to promote and maintain their health Empowerment for self care of individuals, families and groups in- A- Assessment of self and family Monitoring growth and development - Mile stones - Weight measurement - Social development Temperature and Blood pressure monitoring Menstrual cycle Breast self examination and testicles examination Warning Sign of various diseases Tests : Urine for sugar and albumin, blood sugar B. Seek health services for Routine checkup Immunization Counseling Diagnosis Treatment Follow up C. Maintenance of health records for self and family D. Continue medical care and follow up in community for various diseases and disabilities. E. Carryout therapeutic procedures as prescribed/required for self and family F. Waste Management Collection and disposable of waste at home and community G. Sensitize and handle social issues affecting health and development for self and family Women Empowerment, Women and child welfare Women and child abuse Abuse of elders Female Foeticide Commercial sex workers Food adulteration Substance abuse H. Utilize community resources for self and family Trauma Services Old age homes Orphanage Homes for physically and mentally challenged</p>	<p>Lecture cum discussion, Group discussion & Role Play</p>	<p>15</p>

	individuals ☞ Homes for destitute		
Unit 6	National health and family welfare programmes and the role of a nurse (1) National ARI programme (2) Revised National Tuberculosis Control programme (RNTCP) (3) National Anti-Malaria programme (4) National Filaria Control programme (5) National Guinea worm eradication programme (6) National Leprosy eradication programme (7) National AIDS control programme (8) STD control programme (9) National programme for control of blindness (10) Iodine deficiency disorder programme (11) Expanded programme on immunization (12) National Family welfare programme- RCH programme historical development, organization, administration, research, constraints (13) National water supply and sanitation programme (14) Minimum Need programme (15) National Diabetics control programme (16) Polio Eradication: Pulse Polio Programme (17) National Cancer Control Programme (18) Yaws Eradication Programme (19) National Nutritional Anemia Prophylaxis programme (20) 20 point programme (21) ICDS programme (22) Mid-day meal applied nutritional programme (23) National mental health programme ☞ Health schemes ☞ ESI ☞ CGHS ☞ Health insurance	Lecture cum discussion, Group discussion	20
Unit 7	☞ Health Agencies International – WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, Care etc. National – Indian Red cross, Indian Council for child welfare, family planning Association of India (FPAI), Tuberculosis Association of India. Hindu Kusht Nivaran Sangh, Central Social Welfare Board, All India women’s conference, Blind Association of India etc.	Lecture cum discussion, Group discussion	5

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 3	Urban: Organization, staffing and functions of urban health services provided by government at: Slums Dispensaries Maternal and child health centers Special Clinics Hospitals Corporation/ Municipality/ Board	Industrial Visit	BL4-Analyze	3
Unit 4	Approaches Nursing theories and nursing process Epidemiological approach Problems solving approach Evidence based approach Empowering people to care for themselves	Seminar	BL4-Analyze	5
Unit 5	Sensitize and handle social issues affecting health and development for self and family Women Empowerment, Women and child welfare Women and child abuse Abuse of elders Female Foeticide Commercial sex workers	Case Study	BL4-Analyze	5

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Park K. (2019). Park's Textbook of Preventive and Social Medicine. Banarsidas Bhanot Publishers.
Articles	Sanitation and Health - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2981586/
References Books	Manivannan S. D. (2017). Textbook of Community Health Nursing-I. Chennai, India: CBS Publishers.
MOOC Courses	https://www.my-mooc.com/en/mooc/commhealthworkers
Videos	BAG TECHNIQUE - https://www.youtube.com/watch?v=5zm6Keeomms

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	3	3	2	-	-	3	2	3	1	-	2	-	2	2	1
CO2	2	-	2	3	2	1	2	2	3	2	3	2	1	3	3
CO3	1	2	-	2	-	-	2	-	2	3	-	2	1	2	2
CO4	1	-	2	-	3	2	-	2	-	-	2	-	1	-	-
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020

(SONS)(BSc_Nursing)

Title of the Course	Envoirmental Studies
Course Code	BNSG 801

Part A

Year	4th	Semester	8th	Credits	L	T	P	C
					1	0	0	1
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	CO1- Identify a local area to document environmental assets(BL1-Remember) CO2- Describe various environmental problems, social issues and its impact on health to strengthen employability skills(BL2-Understand) CO3- Explain the growth of population in India and its impact on health(BL3-Apply) CO4- Reflect critically on their roles, responsibilities and identities as citizens, consumers and environmental actors in interconnected world(BL4-Analyze)							
Coures Elements	Skill Development ✕ Entrepreneurship ✕ Employability ✕ Professional Ethics ✕ Gender ✕ Human Values ✕ Environment ✕		SDG (Goals)					

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	<p>Multidisciplinary nature of environmental studies: Definition, scope and importance, need for public awareness, Natural Resources: Renewable and non-renewable resources: Natural resources and associated problems a) Forest resources: use and over-exploitation, deforestation, case studies. Timber extraction, mining, dams and their effects on forest and tribal people. b) Water resources: use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems. c) Mineral resources: use and exploitation, environmental effects of extracting and using mineral resources, case studies. d) Food resources: world food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticides problem, water logging, salinity, case studies. e) Energy resources: growing energy needs, renewable and non-renewable energy sources, use of alternate energy sources, case studies, f) Land resources: land as a resource, land degradation, man induces landslides, soil erosion and desertification, role of an individual in conservation of natural resources, equitable use of resources for sustainable lifestyles</p>	Lecture cum discussion, Group discussion & Case Study	5
Unit 2	<p>Ecosystems: Concept of an ecosystems, structure and function of an ecosystems, producers, consumers and decomposers. Energy flow in the ecosystem, ecological succession, food chains, food webs and ecological pyramids, introduction, type, characteristic features and function of the ecosystem: forest ecosystem, grassland ecosystem, desert ecosystem, aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries), Biodiversity and its conservation: Introduction – definition: genetic, species and ecosystem diversity, biogeographically 66 Page classification of India.</p>	Lecture cum discussion, Group discussion & Case Study	5
Unit 3	<p>Value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values, biodiversity at global, national, and local levels. India as a mega-diversity nation, hot spots of biodiversity, threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts. Endangered and endemic species of India, conservation of biodiversity: in-situ and ex-situ conservation of biodiversity,</p>	Lecture cum discussion, Group discussion & Case Study	5

	<p>Environmental Pollutions: Definition, cause, effects, and control measures of: air pollution, water pollution, soil pollution. Marine pollution, noise pollution, thermal pollution, nuclear pollution, solid waste management: causes, effects and control measures of urban and industrial wastes, role of an individual in prevention of pollution, pollution case studies disaster management: floods, earthquake, cyclone and landslides, Social Issues and the Environment: From unsustainable to sustainable development. urban problems related to energy, water conservation, rainwater harvesting, watershed management, resettlement and rehabilitation of people, its problems, and concerns, case studies, environmental ethics: issues and possible solution, climate change, global warming, acid rain, ozone layer deletion, nuclear accidents a holocaust, case studies, wasteland reclamation, consumerism and waste products, environmental protection act, air (prevention and control of pollution) act, water (prevention and control of pollution) act, wildlife protection act, forest conservation act, issue involved in enforcement of environmental legislation, public awareness</p>		
Unit 4	<p>Human Population and the Environment: Pollution growth, variation among nations, population explosion, family welfare programme, environmental and human health, human rights. Value education, HIV/ aids, woman and child welfare, role of information technology in environment and human health, case studies, Field Work: Visit to a local area to document environmental assets, river/forest/grassland/hill/mountain, study of common plants, insects, and birds. Study of simple ecosystem-ponds, river, hill, slopes, visit to a local polluted site etc.</p>	Lecture cum discussion, Group discussion & Case Study	5

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
75	38	50	25	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Bharucha E. (2018). Environmental Sciences for undergraduate courses. (2nd ed.). India: Universities Press (India) Private Limited.
Articles	Science for environmental protection: The road ahead - https://www.researchgate.net/search.Search.html?query=Environmental-Science&type=publication
References Books	Randhawa M. (2014). The Basics of Environmental Sciences. Punjab, India: Chitkara University Publications.
MOOC Courses	https://www.coursera.org/browse/physical-science-and-engineering/environmental-science-and-sustainability
Videos	Environmental Science - https://www.youtube.com/watch?v=5QxxaVfgQ3k

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	-	-	2	2	-	1	1	-	1	1	-	1	1	-
CO2	2	2	2	1	2	2	2	1	2	1	2	2	1	2	2
CO3	1	2	-	-	1	2	2	1	2	-	2	2	-	1	2
CO4	1	1	-	1	2	-	1	2	-	1	1	-	1	-	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



Syllabus-2019-2020 (SONS)(BSc_Nursing)

Title of the Course	Management of Nursing services and education
Course Code	BNSG 802

Part A

Year	4th	Semester	8th	Credits	L	T	P	C
					3	0	0	3
Course Type	Theory only							
Course Category	Discipline Core							
Pre-Requisite/s				Co-Requisite/s				
Course Outcomes & Bloom's Level	<p>CO1- Identify dynamics of organizational behaviour, styles and functions of effective leadership to inculcate entrepreneurship abilities(BL1-Remember)</p> <p>CO2- Explain and utilize the principles and methods of personnel management, planning, organization, coordinating, organization and budgeting in the hospital wards and community health centres.(BL2-Understand)</p> <p>CO3- Planning and managing the nursing educational services in order to develop the nursing profession.(BL3-Apply)</p> <p>CO4- Implement the beginning competencies in planning, organizing and staffing at college including implementation and evaluation of curriculum to enhance the employability skills(BL4-Analyze)</p>							
Courses Elements	Skill Development ✓ Entrepreneurship ✗ Employability ✓ Professional Ethics ✗ Gender ✗ Human Values ✗ Environment ✗		SDG (Goals)	SDG3(Good health and well-being) SDG4(Quality education)				

Part B

Modules	Contents	Pedagogy	Hours
Unit 1	Introduction to management in nursing Definition, concepts and theories Functions of management Principles of management Role of nurse as a manager	Lecture cum discussion & Group discussion	4
Unit 2	Management of nursing services in the hospital and Community Planning: Hospital and patient care units including ward management Emergency and disaster management Human resource management: Recruiting, selecting, deployment, retaining, promoting, superannuation etc. Categories of nursing personnel including job description of all levels Patient/population classification systems Patients/ population assignment and nursing care responsibilities Staff development and welfare Budgeting: proposal, projecting requirements for staff, equipments and supplies for - Hospital and patient care units Emergency and disaster management Material Management; procurement, inventory control, auditing and maintenance in - Hospital and patient care units Emergency and disaster management Directing and leading: delegation, participatory management - Assignments, rotations, delegations Supervision & guidance Implement standards, policies, procedures and practices Staff development and welfare Maintenance of discipline Controlling/Evaluation: Nursing Rounds/Visits, nursing protocols, manuals Quality Assurance Model, documentation- Records and reports performance appraisal	Lecture cum discussion & Group discussion	5
Unit 3	Organizational behaviour and human relations Concepts and theories of organizational behaviours Review of Channels of Communication Leadership styles Review of Motivation; concepts and theories Group dynamics Techniques of; Communication; and Interpersonal relationships Human relations; Public relations in context of nursing Relations with professional associations and employee unions and Collective bargaining	Lecture cum discussion & Group discussion	5
Unit 4	In Service education Nature & scope of in-service education programme. Organization of in-service education Principles of adult learning Planning for in-service education program, techniques,	Lecture cum discussion & Group discussion	5

	methods & evaluation of staff education program, Preparation of report		
Unit 5	<p>Management of nursing educational institutions Establishment of nursing educational institution – INC norms and guidelines Co-ordination with- Regulatory bodies Accreditation Affiliation - Philosophy/objectives - Organization Structure Committees - Physical facilities College/School Hostel - Students Selection Admission 119 Guidance and Counseling Maintaining discipline - Faculty and staff Selection Recruitment Job description Placement Performance appraisal Development and welfare Budgeting Equipments and supplies: audiovisual equipments, laboratory equipment, books, journals etc. Curriculum; Planning, implementation and evaluation, Clinical facilities Transport facilities Institutional Records and reports – Administrative, faculty, staff and students</p>	Lecture cum discussion & Group discussion	10
Unit 6	<p>Nursing as a profession Nursing as a profession Philosophy; nursing practice Aims and objectives Characteristics of a professional nurse Regulatory bodies; INC, SNC Acts:- constitution, functions Current trends and issues in nursing Professional ethics Code of ethics; INC, ICN Code of Professional conduct; INC, ICN Practice standards for Nursing; INC Consumer protection act Legal Aspects in nursing Legal terms related to practice; registration and licensing Laws related to nursing practice; Branch and penalties Malpractice and negligence</p>	Lecture cum discussion & Group discussion	10
Unit 7	<p>Professional Advancement: Continuing education Career Opportunities Collective bargaining Membership with professional organizations; National and International Participation in research activities Publications; Journals, Newspapers etc.</p>	Lecture cum discussion & Group discussion	3

Part C

Modules	Title	Indicative-ABCA/PBL/ Experiments/Field work/ Internships	Bloom's Level	Hours
Unit 2	Material management: equipment and supplies	Field work	BL3-Apply	5
Unit 3	Material Management; procurement, inventory control, auditing and maintenance in - [] Hospital and patient care units [] Emergency and disaster management	Field work	BL3-Apply	20
Unit 5	Planning for in-service education program, techniques, methods & evaluation of staff education program,	Field work	BL3-Apply	5
Unit 7	Participation in research activities	Field work	BL3-Apply	3

Part D(Marks Distribution)

Theory					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation
100	50	75	38	25	13
Practical					
Total Marks	Minimum Passing Marks	External Evaluation	Min. External Evaluation	Internal Evaluation	Min. Internal Evaluation

Part E

Books	Vati J. (2020). Principles and practice of Nursing Management Administration. (2nd ed.). New Delhi, India: Jaypee publishers.
Articles	Hospital management by health services management graduates - https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8626693/
References Books	Huston C.J. & Marquis B.L. (2012). Leadership roles and Management Functions in Nursing. (7th ed.). New Delhi, India: Wolters Kluwer publishers.
MOOC Courses	https://nhca.in/management-courses/nursing-leader-management/
Videos	Principles & Types of budget in nursing - https://www.youtube.com/watch?v=Slqwd13ilrk

Course Articulation Matrix

COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1	2	2	-	1	-	-	-	-	1	-	2	-	2	-	2
CO2	2	1	3	-	-	-	1	-	-	2	1	-	1	1	-
CO3	2	2	-	1	-	-	-	2	1	1	1	3	1	-	2
CO4	1	-	2	-	-	-	2	-	1	-	-	-	-	2	1
CO5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CO6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

