



COURSE OUTCOME

FIRST YEAR B.SC. NURSING

ENGLISH

CO1.Speak and write grammatically correct English

CO2.Review of Grammar

CO3.Develop ability to read, understand and express meaningfully the prescribed

CO4.Develop writing skills

CO5.Develop skill in spoken English CO6.Develop skill in listening comprehension

ANATOMY

CO1. Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands

CO2.Describe the structure & function of bones and joints

CO3.Describe the structure and function of muscles

CO4. Describe the structure and function of nervous system

CO5. Explain the structure and function of sensory organs

CO6. Describe the structure and function of circulatory and lymphatic system

CO7. Describe the structure and function of respiratory system

CO8. Describe the structure and function of digestive system

CO9. Describe the structure and function of excretory system

CO10. Describe the structure and function of endocrine system

CO11. Describe the structure and function of reproductive system

PHYSIOLOGY

CO1.Describe the physiology of cell, tissues, membranes and glands

CO2. Describe the bone formation and growth and movements of skeletal system

CO3. Describe the muscle movements and tone and demonstrate muscle contraction and tone

CO4. Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves

CO5. Demonstrate reflex action and stimulus

CO6. Describe the physiology of blood and functions of Heart

CO7. Demonstrate blood cell count, coagulation, grouping, Hb, BP and pulse monitoring

CO8. Describe the physiology and mechanisms of respiration

CO9. Demonstrate spirometry

CO10. Describe the physiology of digestive system

CO11. Demonstrate BMR

CO12. Describe the physiology of excretory system

CO13. Describe the physiology of sensory organs

CO14. Describe the physiology of endocrine glands

CO15. Describe the Physiology of male and female reproductive system

CO16. Describe the physiology of Lymphatic and Immunological system

NUTRITION

CO1. Describe the relationship between nutrition & health

CO2. Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates

CO3. Describe the classification, functions, sources and recommended daily allowances (RDA) of fats

CO4. Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins

CO5. Describe the daily calorie requirement for different categories of people

CO6. Describe the classification, functions, sources and recommended daily allowances (RDA) of vitamins

CO7. Describe the classification, functions, sources and recommended daily allowances (RDA) of minerals

CO8. Describe the sources, functions and requirements of water & electrolytes

CO9. Describe the cookery rules and preservation of nutrients

- CO10. Prepare and serve simple beverages and different types of foods
- CO11. Describe and plan balanced diet for different categories of people
- CO12. Describe the various national programmes related to nutrition
- CO13. Describe the role of nurse in assessment of nutritional status and nutrition education

BIOCHEMISTRY

- CO1. Describe the structure, composition and functions of cell
- CO2. Differentiate between prokaryote and eukaryote cell
- CO3. Identify techniques of microscopy
- CO4. Describe the structure and functions of cell membrane
- CO5. Explain the metabolism of carbohydrates
- CO6. Explain the metabolism of Lipids
- CO7. Explain the metabolism of Amino acids and Proteins
- CO8. Describe types, composition and utilization of Vitamins & minerals
- CO9. Describe Immuno-chemistry

NURSING FOUNDATION

- CO1. Describe the concept of health, illness and health care agencies
- CO2. Explain concept and scope of nursing
- CO3. Describe values, code of ethics and professional conduct for nurses in India
- CO4. Explain the admission and discharge procedure
- CO5. Perform admission and discharge procedure
- CO6. Communicate effectively with patient, families and team members and maintain effective human relations (projecting professional image)
- CO7. Appreciate the importance of patient teaching in nursing
- CO8. Explain the concept, uses, format and steps of nursing process
- CO9. Documents nursing process as per the format
- CO10. Describe the purposes, types and techniques of recording and reporting
- CO11. Describe principles and techniques of monitoring and maintaining vital signs

- CO12. Monitor and maintain vital signs
- CO13. Describe the purpose and process of health assessment
- CO14. Describe the health assessment of each body system
- CO15. Perform health assessment of each body system
- CO16. Identifies the various machinery, equipment, linen and their care
- CO17. Describe the basic, physiological and psychosocial needs of patient
- CO18. Describe the principles and techniques for meeting basic, physiological and psychosocial needs of patient
- CO19. Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient
- CO20. Describe principles and techniques for infection control and biomedical waste management in supervised clinical settings
- CO21. Explain the principles, routes, effects of administration of medications
- CO22. Calculate conversions of drugs and dosages within and between systems of measurements
- CO23. Administer drugs by following routes-oral, intradermal, subcutaneous, intramuscular, intravenous, topical and inhalation
- CO24. Describe the pre and post operative care of patients
- CO25. Explain the process of wound healing
- CO26. Explain the principles and techniques of wound care
- CO27. Perform care of wounds
- CO28. Explain care of patients having alterations in body functioning
- CO29. Explain care of terminally ill patient
- CO30. Explain the basic concepts of conceptual and theoretical models of nursing

NURSING FOUNDATION – PRACTICAL

- CO1. Performs admission and discharge procedure
- CO2. Prepare nursing care plan as per the nursing process format
- CO3. Communicate effectively with patient, families and team members
- CO4. Maintain effective human relations

- CO5. Develop plan for patient teaching
- CO6. Prepare patient reports
- CO7. Presents reports
- CO8. Monitor vital signs
- CO9. Perform health assessment of each body system
- CO10. Provide basic nursing care to patients
- CO11. Perform infection control procedures
- CO12. Provide care to pre and post operative patients
- CO13. Perform procedures for care of wounds
- CO14. Administer drugs
- CO15. Provide care to dying and dead
- CO16. Counsel and support relatives

PSYCHOLOGY

- CO1. Describe the history, scope and methods of psychology
- CO2. Explain the biology of Human behaviour
- CO3. Describe various cognitive processes and their applications
- CO4. Describe motivation, emotions, stress, attitudes and their influence on behaviour
- CO5. Explain the concepts of personality and its influence on behaviour
- CO6. Describe psychology of people during the life cycle
- CO7. Describe the characteristics of mentally healthy person
- CO8. Explain ego defense mechanisms
- CO9. Explain the Psychological assessments and role of nurse

MICROBIOLOGY

- CO1. Explain concepts and principles of microbiology and their importance in nursing
- CO2. Describe structure, classification morphology and growth of bacteria
- CO3. Identify micro- organisms
- CO4. Describe the methods of infection control

CO5. Identify the role of nurse in hospital infection control programme

CO6. Describe the different disease producing organisms

CO7. Explain the concept of immunity, hyper sensitivity and immunization

INTRODUCTION TO COMPUTERS

CO1. Identify & define various concepts used in computer

CO2. Identify application of computer in nursing

CO3. Describe and use the Disk operating system

CO4. Demonstrate skill in the use of MS Office

CO5. Demonstrate skill in using multi-media

CO6. Identify features of computer aided teaching and testing

CO7. Demonstrate use of internet and Email

CO8. Describe and use the statistical packages

CO9. Describe the use of Hospital Management System

