



## **COURSE OUTCOME**

### **SECOND YEAR B.SC. NURSING**

#### **SOCIOLOGY**

- CO1.State the importance of sociology in nursing
- CO2. Describe the interrelationship of individual in society and community
- CO3. Describe the influence of culture on health and disease
- CO4. Identify various social groups and their interactions
- CO5. Explain the growth of population in India and its impact on health
- CO6. Describe the institutions of family and marriage in India
- CO7. Describe the class and caste system and their influence on health and health practices
- CO8. Describe the types of communities in India, their practices and the impact on health
- CO9. Explain the process of Social Change
- CO10. Describe the social system and inter relationship of social organizations
- CO11. Explain the nature and process of social control
- CO12. Describe the role of the nurse in dealing with social problems in India

#### **PHARMACOLOGY**

- CO1. Describe Pharmaco-dynamics, pharmaco-kinetics, classification and the principles of drug administration
- CO2. Explain chemotherapy of specific infections, infestations and nurse's responsibilities
- CO3. Describe antiseptics, disinfectants, insecticides and nurse's responsibilities
- CO4. Describe the drugs acting on Gastro Intestinal system and nurse's responsibilities
- CO5. Describe drugs used on Respiratory Systems and nurse's responsibilities
- CO6. Describe drugs used on Urinary system and nurse's responsibilities
- CO7. Describe drugs used in de-addiction, emergency, deficiency of vitamins & minerals, poisoning, for immunization and Immunosuppression and nurse's responsibilities

CO8. Describe the drugs used on skin and mucous membranes and nurse's responsibilities

CO9. Describe Drugs used on Nervous System and nurse's responsibilities

CO10. Describe Drugs used on Cardio-vascular system and nurse's responsibilities

CO11. Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities

CO12. Demonstrate awareness of the common drugs used in alternative system of medicine

## **PATHOLOGY AND GENETICS**

### **Section A - Pathology**

CO1. Define the common terms used in pathology.

CO2. Appreciate the deviations from normal to abnormal structure and functions of the body system.

CO3. Explain Pathological changes in disease conditions of various systems

CO4. Describe various laboratory tests in assessment and monitoring of disease conditions

CO5. Describe the laboratory tests for examination of body cavity fluids, transudates and exudates  
CO6. Describe the laboratory tests for examination of urine and faeces

### **SECTION – B GENETICS**

CO1. Explain nature, principles and perspectives of heredity

CO2. Explain Maternal, prenatal and genetic influences on development of defects and diseases

CO3. Explain the screening methods for genetic defects and diseases in neonates and children

CO4. Identify genetic disorders in adolescents and adults

CO5. Describe the role of nurse in genetic services and counseling

### **MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I**

CO1. Appreciate the trends in medical and surgical nursing

CO2. Describe the role of a nurse in caring for adult patient in hospital and community

CO3. Describe the concepts of medical surgical asepsis

CO4. Describe the common signs, symptoms, problems and their specific nursing interventions

CO5. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory system

CO6. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems

CO7. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardiovascular problems

CO8. Describe the vascular conditions and its nursing management

CO9. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system

CO10. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system

CO11. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin

CO12. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo- skeletal system

CO13. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of immunological system

CO14. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with communicable Diseases

CO15. Describe the organization and physical set up of operation theatre

Identify the various instruments and equipments used for common surgical procedures

Describe the infection control measures in the Operation Theatre

Describe the role of the nurse in the Operation Theatre

## **MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I**

### **PRACTICAL (720 hours- II year) General Medical ward**

CO1. Provide nursing care to adult patients with medical disorders

CO2. Counsel and educate patients and families

General surgical ward

CO3. Provide pre and post operative nursing care to adult patients with surgical disorders

CO4. Counsel and educate patients and families

Cardiology Ward

CO5. Provide nursing care to patients with cardiac disorders

CO6. Counsel and educate patients and families Skin and communicable diseases

CO7. Identify skin problems

CO8. Provide nursing care to patients with skin disorders & communicable diseases

CO9. Counsel and educate patients and families

Orthopaedic Ward

CO10. Provide nursing care to patients with musculo-skeletal disorders

CO11. Counsel and educate patients and families Operation Theatre

CO12. Identify instruments used in common operations

CO13. Participate in infection control practices in the operation theatre

CO14. Set-up the table/ trolleys for common operative procedures

CO15. Assist in giving anesthesia

CO16. Assist in the operative procedures

CO17. Provide perioperative nursing care

**INTERNSHIP( 250hrs, III year B.Sc Nursing) PSO'S**

Provide comprehensive care to patients with medical conditions

**Medical wards, CCU**

PSO1. To gain proficiency in ICU nursing

PSO2. Develop advance skill in special procedures used in critical care unit

PSO3. Identify potential problems and provide care accordingly.

PSO4. Skill in setting and handling ventilator

PSO5. Administer injection in infusion pump

PSO6. Record accurately findings and medications

PSO7. Develop IPR with family members

**Provide comprehensive care to patients with surgical conditions Surgical wards,ICU**

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PSO2. Develop advance skill in special procedures used in critical care unit

PSO3. Identify potential problems and provide care accordingly.

PSO4. Skill in setting and handling ventilator

PSO5. Administer injection in infusion pump

PSO6. Record accurately findings and medications

PSO7. Develop IPR with family members Acquaint with OT technique

**OT- Laparoscopic,orthopaedic, cardiac**

PSO1. Identify instruments

PSO2. Assist in OT set up

PSO3. Supervise sterilization

PSO4. Assist in OT table layout

PSO5. Observe immediately after operation

PSO6. Supervise infection control

**COMMUNITY HEALTH NURSING – I**

CO1. Describe concept and dimensions of health

CO2. Describe determinants of health

CO3. Describe the concept, scope, uses methods and approaches of epidemiology

CO4. Describe Epidemiology and nursing manage-ment of common communicable diseases

CO5. Describe Epidemiology and nursing management of common Non-communicable diseases

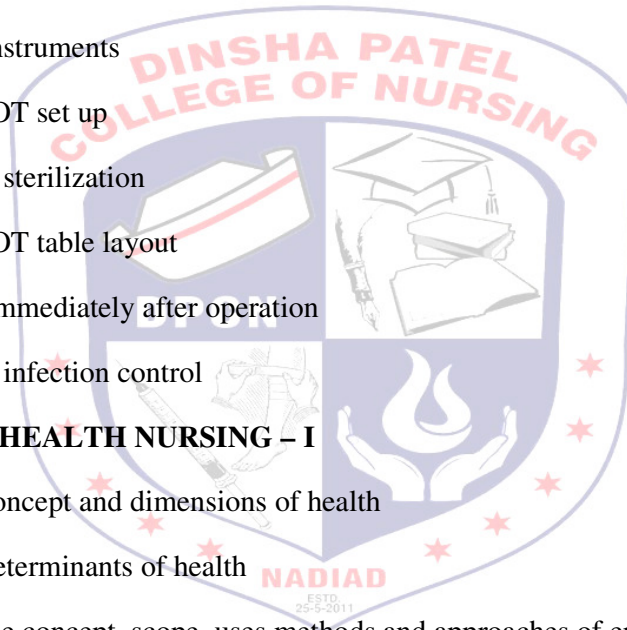
CO6. Describe the concepts and scope of demography

CO7. Describe methods of data collection, analysis and interpretation of demographic data

CO8. Identify the impact of population explosion in India

CO9. Describe the methods of population control

**COMMUNITY HEALTH NURSING I - PRACTICAL**



Build and maintain rapport

Identify demographic characteristics, health determinants and community health resources  
Diagnose health needs of individual and families

Provide primary care in health centre

Counsel and educate individual, family and community

### **COMMUNICATION & EDUCATIONAL TECHNOLOGY**

CO1. Describe the communication process

CO2. Identify techniques of effective communication

CO3. Establish effective inter-personal relations with patients, families & co-workers

CO4. Develop effective human relations in context of nursing

CO5. Develop basic skill of counseling and guidance

CO6. Describe the philosophy & principles of education

CO7. Explain the teaching learning process

CO8. Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings

CO9. Prepare and use different types of educational media effectively

CO10. Prepare different types of questions for assessment of knowledge, skills and attitudes

CO11. Teach individuals, groups, and communities about health with their active participation

### **ENVIRONMENTAL STUDIES**

CO1. Describe nature of environmental studies

CO2. Explain uses of natural resource and the effects of exploitation

CO3. Describe the types of Ecosystems

CO4. Explain ecosystem diversity and Conservation of biodiversity

CO5. Explain Causes, effects and control measures of environmental Pollution

CO6. Describe the environmental social issues and the possible solutions

CO7. Explain the human population and its impact on health

CO8. Identify the local polluted sites and draw out the remedy measures