

**NURSING**  
**(DEGREE STANDARD)**

**SUBJECT CODE:335**

**UNIT – I:**

Immunity and immunization, Health Promotion and Levels of disease prevention, Medico-legal issues, Hypothermia, Hyperthermia, Heat stroke, Infection control, Patient safety, Chest physiotherapy and postural drainage, Cardio pulmonary resuscitation, Fluid & electrolyte and acidbase balance, Asepsis, Inflammation and infection, Wound healing, Care of surgical patient, Shock, Pain, Geriatric care, Biomedical waste management, Hypersensitivity reaction, Rehabilitation, Prosthesis.

**UNIT – II:**

Gastro Intestinal tumors, Oesophageal disorders, bleeding, Duodenal ulcer, Pancreatic inflammation and tumors, Peritonitis, Hepatitis, Cirrhosis, Hepatic failure, Gall bladder inflammation and stones, Perforation of small and large intestine, Irritable Bowel Syndrome, Hernias, Appendicitis, Hemorrhoids, Fissures, Fistulas, Thyroid and parathyroid glands disorders, Diabetes Mellitus, Adrenal and Pituitary tumors and insufficiency.

Bronchial Asthma, Chronic Obstructive Pulmonary Disease (COPD), Bronchitis, Emphysema, Empyema, Atelectasis, Bronchiectasis, Pneumonia, Lung abscess, Pleural effusion, Pulmonary embolism, Pulmonary hypertension, Pulmonary oedema.

**UNIT – III:**

Coronary artery diseases, Angina pectoris, Myocardial infarction, Congestive heart failure, Rheumatic heart disease, Cardiac dysrhythmias, Hypertension, Raynaud's disease, Aneurism and peripheral vascular disorders, Congenital and acquired valvular disorders, Anemias, Polycythemia, Thalassemia, Leukemias, Leukopenias, Agranulocytosis, Lymphomas, Myelomas, Fracture.

Amputation, Bone infections and tumours, Arthritis, Spinal cord injuries, Osteoporosis and Paget's Disease, Prolapsed intervertebral disc, Pott's spine,

Dermatitis, Pemphigus, Psoriasis, Malignant melanoma, Burns, Pelvic inflammatory disease, Ovarian and fallopian tube disorders, Uterine and cervical disorders, Menopause and Hormonal replacement therapy.

#### **UNIT - IV:**

Phimosis, Orchitis, Sexual dysfunction, Infertility, Urinary tract infections, Pyelonephritis, Nephrotic syndrome, Renal calculi, Acute and Chronic renal failure, Tumors and Benign Prostate Hypertrophy.

Acute and chronic suppurative otitis media, Facial nerve palsy, Tympanic membrane perforation, Vertigo, Meniere's disease, Deviated nasal septum, Nasal polyp, Epistaxis, Rhinitis, Sinusitis, Hearing loss and deafness, Tonsillitis, Pharyngitis, Laryngeal tumor.

Refraction errors, Conjunctivitis, Retinal detachment, Cataract, Glaucoma, Blindness, Increased ICP, Meningitis, Encephalitis, Multiple sclerosis, Parkinsonism, Myasthenia Gravis, Guillain Barre Syndrome, Alzheimer's disease, Bell's palsy, Cerebrovascular accident, Peripheral Neuropathy, Seizures, Traumatic Brain Injury, Multiple sclerosis.

Triage, Poisoning, Snake bite, Disaster management.

#### **UNIT – V:**

Conception and foetal development, Physiological changes during pregnancy, Diagnosis of pregnancy - Antenatal care, Physiology and mechanism of labour, Management of stages of labour, Partograph, Pain relief and comfort in labour, Conduct of delivery.

Neonatal assessment and newborn care, Initiation of breast feeding, Placental examination, common drugs used in labour, Post natal assessment and management, Lactation management, Family welfare services, Minor disorders of newborn and its management, Levels of neonatal care.

Hyperemesis gravidarum, Bleeding in early and late pregnancy, Abortion, Ectopic pregnancy, Vesicular mole, Placenta praevia, Abruptio placenta, Uterine abnormality and displacement.

### **UNIT – VI:**

Pregnancy induced hypertension, Diabetes, Hydramnios, Rh incompatibility, Multiple gestation, Abnormalities of placenta & cord, Intra uterine growth retardation, Cephalo pelvic disproportion and contracted pelvis, Mal positions and mal presentations, Premature labour & premature rupture of membrane, Prolonged labour, Obstructed labour, Intra uterine fetal death, Presentation and prolapse of cord, Placenta praevia, Amniotic fluid embolism, Rupture of uterus, Shoulder dystocia, inversion of uterus.

Low birth weight, Infections, and respiratory problems of newborn, Hemolytic disorders, Birth injuries, Malformations, Monitoring of high risk neonates, Puerperal infections, Breast engorgement & abscess, Thrombo- embolic disorders, Post-partum hemorrhage, Post partum psychosis.

### **UNIT – VII:**

Preventive, promotive and curative aspects of child health, Growth and development from birth to adolescence, needs of normal children, Congenital disorders -Cleft lip & Cleft palate, Tracheo-esophageal fistula, Ano-rectal anomalies, Congenital hypertrophic pyloric stenosis, Hirschsprung's diseases, Biliary atresia, Congenital adrenal hyperplasia, Club foot, Congenital dislocation of hip, Acyanotic and cyanotic defects, Atrial septal defect, Ventricular septal defect, Patent ductus arteriosus, Coarctation of aorta, Tetralogy of Fallot, Transposition of great arteries, Spina bifida – Meningocele, Meningomyelocele, Hydrocephalus.

### **UNIT- VIII:**

Childhood disorders - Bronchiolitis, Bronchopneumonia, Bronchial asthma, Cystic fibrosis, Respiratory distress syndrome, Respiratory failure, Acute gastroenteritis, lactose intolerance, Chronic diarrhea, Ulcerative colitis, Celiac disease, Acute hepatitis, Helminthic infestations, Protein energy malnutrition, Gastro esophageal reflux disease, Meckel's diverticulum, Intussusception, Appendicitis, Hypo and hyper thyroidism, Hypo and hyper pituitarism, Juvenile diabetes mellitus, Fractures, Scabies, Impetigo, Dermatitis, Cataract, Conjunctivitis, Squint, Otitis media, Chronic suppurative otitis media, sinusitis, Nephrotic syndrome, Acute glomerulonephritis, Renal failure, Hernias, Phimosis, Hydrocele, Hypospadias, Epispadias, Vesico-ureteric reflux, Posterior urethral valve, Hydronephrosis, Wilms' tumor, Meningitis and encephalitis, Convulsions, Epilepsy, Head injury, Brain tumour, Brain abscess

### **UNIT – IX:**

Concepts of normal and abnormal behaviour, Principles of Mental health Nursing, Classification of mental disorders: ICD, Mental status examination, Schizophrenia and other psychotic disorders, Psychopathology, Neurotic, stress related and somatization disorders.

Mood disorders: Bipolar affective disorder, Mania, depression.

Anxiety disorders: Phobias, dissociation and conversion disorder, Obsessive compulsive disorder, Substance use disorders, Personality disorders, Psychiatric emergencies, Psycho therapy, Therapeutic communication, Childhood disorders including mental deficiency, National Mental Health Program.

### **UNIT – X:**

Determinants of health, Levels of prevention, Measurement of health and diseases , Vital statistics, Communicable diseases - Measles, Mumps, Influenza, Rubella, Herpes, Chickenpox, Swine flu, Typhoid, Tetanus, Diphtheria, Whooping cough, Tuberculosis, SARS, Cholera, Rabies, Diarrhoeal diseases, Food poisoning, Amoebiasis, Dengue, Malaria, Filariasis, Hook worm infection, Reproductive tract infections, HIV/AIDS, & Sexually Transmitted Diseases.

National health planning, National population policy, Health problems in India, Planning, Budgeting and Material management of sub centers, primary health centers, and community health centers, National health programmes, School health services, Concepts of Primary Health Care, National Health & Family Welfare Programmes.

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