

MICROBIOLOGY

05 Marks

- *Bacteriology, Microbiology usefulness in Nursing.*
 - **Common disease caused by different types of organisms.**
 - **Sources of infection, mode of exit and transmission of disease,**
 - **Immunity and Immunization schedule.**
 - **Disinfection**
 - **Sterilization.**
 - **Asepsis.**

PSYCHOLOGY

07 Marks

- *Definition of Psychology scope and its importance for Nurses.*
- *Behaviour-Nature of behavior classification, dynamics types behavior.*
- *Motivation.*
- *Function, Emotions.*
- *Habits-Meaning, Principles in habit formation.*
- *Frustration and conflicts*
- *Learning laws, types, factors of learning.*
- *Intelligence.*
- *Personality, meaning, types, development, characteristics.*
- *Mental health characteristics, national mental health program.*

SOCIOLOGY

03 Marks

- *Society - Def, meaning Gp, Types, structures, Rural and Urban society, Family, types, basic needs of family.*

NURSING ARTS NUTRITION

35 Marks

- *Fundamentals of Nursing*
 - *Nurses qualities, def, nursing principles, scope of Nursing.*
 - **History of Nursing.**
 - **Role and responsibility of a Nurse.**
 - **Components of Basic Nursing.**
 - **Health Agencies.**
- *Admission and discharge of patient.*
 - *Signs and symptoms of approaching death.*
- *Nurses role in maintaining good personal hygiene.*
 - *Bed making, various types of beds, and nurses procedure for bed making.*
 - **Vitals -Temperature, pulse, respiration, B.P (def, type) equipments procedure**
 - **Mouth care - purposes, equipment, procedure complication sol used,**
 - **Bed sore - Def signs and symptoms, causes pressure points prevention,**
 - **Back care. Def. purposes, equipment, procedure.**
 - **Bed bath. Def. types purpose, equipment, procedure different patients uses for different procedure.**
 - **Ryles tube feeding - Indication equipments procedure suction,**
 - **Stomach wash or gastric lavage Def. indication procedure purpose, equipments.**
 - **Catheterization - Indication purpose, procedure articles, types of catheter,**
 - **Enema-Def types, indication, procedure, equipments,**

- **Flatus tube - Def. purpose, procedure, equipments,**
 - **Gaginal douche - Def. purposes, Sol, used, procedure equipments. Local hot application - Def purpose, types, equipments procedure precautions,**
 - **Local cold application - Def. purposes types equipment procedure.**
 - **Inhalations - Def. types purpose equipment precautions procedure post of care for surgery.**
 - **Care of patient fever (Unconscious patient) Dyspnoea.**
 - **Barrier Nursing - Isolation, technique, Control of infection diseases, immunization.**
 - **First Aid of**
 - Burns,**
 - Accident,**
 - Haemorrhage,**
 - Fractions.**
- **Various Bandages.**
 - **Blood Transfusions - Grouping Crossmating**
 - **RH factor, Precautions - Blood Transmission.**
 - **Recording and Reporting**
 - **Collection of Specimen.**
 - **Drugs route of Administration of drugs.**

NUTRITION

10 Marks

- **Constituents of food and its function**
 - **Protene, EHO, fats, minerals, vitamins, waterthen sources, function daily requirement, deficiencies.**
 - **Applied nutrition programmes.**
 - **Community nutrition programmes.**
 - **Diet - types of diet, balanced diet.**
 - **Diet for different diseases.**
 - **Planning and preparation of menui.**
 - **Factors effecting coming.**
 - **Presentation of mal nutrition.**
 - **Health problems in India (Nutritional problems)**
 - **Communicable disease prob.**
 - **Population Prob.**
 - **Environmental suction Prob.**
 - **Medical care Prob.**
- **Community Health Nursing:**
 - **Definition and concent of health ad elements.**
 - **Principles Primary Health care.**
 - **Qualities and functions of a Community Health Nurse.**
 - **National Health Problems and Programmes.**
- **Hygiene-Personal and Environmental-Safe Water, Sanitation.**
 - **Building of good health, habits, Immunization.**
 - **Physical health including menstrual hugience.**
 - **Mental health.**
- **First Aid in Emergency.**

- **Importance of First Aid and its rules:**
- **First Aid Emergency. Fire, Burns, Fractures, Accidents, Poisoning, Bullet injuries, Drawing, Hoemorrhages, Dog Bites.**
- **Bandaging and splinking.**

Medical Surgical Nursing

25 Marks

- **Disorders of Respiratory system:-**
- **Definitions, causes, types, factors, indications, investigations, treatment, NSG, Management, Prevention, Health Education, Complications of:-**
 - **Asthma/Bronchial.**
 - **Pneumonia.**
 - **Lung Abscess.**
 - **Plausy.**
 - **Emphyma.**
 - **Emphysema.**
 - **Pulmonary Tuberculosis.**
 - **Lobectomy.**
 - **Pneumonectomy.**
 - **Diet Therapy**
 - **Drug Therapy.**
- **Cardio Vascular System:**
 - **Cardia Arrhythmias.**
 - **Pericarditis.**
 - **Myocarditis.**
 - **Congestive Heart Failure.**
 - **Myocardial infection.**
 - **Fallots of Tetralogy.**
 - **Hypertension.**
 - **Angina Pectoris.**
 - **Mitral Stenosis.**
 - **Anaemia.**
 - **Lenkaemia.**
 - **Haemophilia.**
- **Gastro Intestinal System:**
 - **Gastritis.**
 - **Peptic Uleer.**
 - **Appendicitis.**
 - **Ca Stomach**
 - **Colostomy, Intestinal Obstruction**
 - **Haemorrhoids.**
 - **Gastrectomy.**
 - **Gastrastomy.**
 - **Hernia.**
 - **Leprotomy.**
- **Disease of Liver, Spleen, Gall Bladder, Pancreas:**
 - **Hepatitis.**
 - **Cirrhosis of Liver.**
 - **Caliver, Pancreas.**

- **Pancreatitis.**
 - **Tumours.**
 - **Cholieystities/Cholieysteetomy.**
 - **Spleeneetomy.**
- **Genito - Urinary System and Male Reproductive System:**
- **Nephritis.**
 - **Ureamia.**
 - **Dialysis.**
 - **Prostate/Prostectomy.**
 - **Nephrectomy.**
 - **Hydrocoel.**
- **Nervious System-Spinal Card, Nervious:**
- **Epilepsy.**
 - **Meningitis.**
 - **Parkinsonisom.**
 - **Encephalitis.**
 - **Head Injury.**
 - **Cerebro - Vascular Accident.**
 - **Paraplegia.**
 - **Haemoplegia.**
 - **Quardriplegia.**
 - **Sciatica.**
- **Endocrine System, Metabolic Disorder:**
- **Hypothyrodism.**
 - **Hyperthyrobism.**
 - **Thyrodictomy.**
 - **Diabtes Mellitus.**
 - **Gouts.**
 - **Obesity.**
- **Skin:**
- **Burn including radition burns.**
 - **Allergy.**
 - **Infections EC Zema.**
- **Operation and Theatre:**
- **Care of unconscious patients/coma.**
 - **Pre and post operative care > adult, infant.**
 - **Intensive Care Nursing.**
 - **Commo.....**
- **Common Investigation and Advanced Nursing Procedures:**
- **USG, OGC, CT, Lithotripsy, LP, MRI, Radiotherapy, Chemotherapy, Catheterization, Bone Marrow, Paracentisis, Thoracynthesis, LFT, Endoscopy, Sigmoclocopy, Bronehosocopy, Intercostal Drainage, H2O Drainage, Review of Vitals.**
- **Communicable Diseases:**

- **Measles, Chickenpox, Smallpox, Mumps, Poliomyelitis, Diphtheria, Whooping Cough, Tetanus, Leprosy, Typhoid, Dysentery, Cholera, Plague, Malaria, Dengue, Fever, AIDS, Pulse Polio, National Health Programme/ Problems.**

ORTHOPAEDIC

20 Marks

- **Disorders and Diseases of Bone and Joints.**
(Def. causes, types, preparation, investigations, indications, management).
 - **Arthritis.**
 - **Osteomyelitis.**
 - **Rheumatoid Arthritis.**
 - **Fractures, Dislocations, Sprains.**
 - **Amputation.**
 - **Traction.**
 - **Casts.**
- **Special senses (Eye, ENT, Ear)**
 - **Conjunctivitis.**
 - **Dacryocystitis.**
 - **Glaucoma.**
 - **Trachoma.**
 - **Myopia.**
 - **Hypermetropia.**
 - **Cataract.**
 - **Corneal Ulcer.**
 - **Otitis Media.**
 - **Mastoiditis.**
 - **Cleft Lip.**
 - **Cleft Palate.**
 - **DNS. S**
 - **Sinusitis.**
 - **Adenoids.**
 - **Laryngitis.**
 - **Tonsillitis/Tonsillectomy.**
 - **Pharyngitis.**
 - **Tracheostomy.**
 - **Epistaxis.**
 - **Psychiatric Nursing**
 - **Depression.**
 - **Hallucination.**
 - **Delusion.**
 - **Schizophrenia.**
 - **Psychosis.**
 - **Narcosis.**
 - **Hysteria.**
 - **Epilepsy.**
 - **ECT.**
 - **Drugs used in Psychiatric diseases.**
- **Paediatric Nursing:**

- **Growth and development from Birth to adolescence. Factors responsible for growth and development. Assessment of growth and development.**
- **Immunity/ Immunization schedule.**
- **Disorders of infections - Vomitting, Dirrhaea, Convulsions, Distensions.**
- **Recognition, causes, prevention and management of congenital anomalies.**
- **Breast feedin:**
 - **Importance and principals.**
 - **Preparation of mother.**
 - **Difficulties in breast feeding.**
 - **Factors inhibiting/ promotion lactation.**
 - **Introduction of sosids.**
 - **Artificial feeding:**
 - **Maintenance of bottle hygiene.**
 - **Feeding techniques.**
- **Disease of Childrens:**
 - **Def. causes s/s investigations, factors indications; prevention, management complications of :-**
 - **Gastro - entoritis.**
 - **Oeasophogal Atresia.**
 - **Mega Colon.**
 - **Imperferated Anus.**
 - **Jaundice.**
 - **Phototherapy.**
 - **Benito - Urinary System:**
 - **Hypospodiasis.**
 - **Undesecondel Tests.**
 - **Cardio Vascular System:**
 - **Patient Duetus Arteriosus.**
 - **Atrial Septal Defect.**
 - **Ventricular spetal Defect.**
 - **Fallots Telrology.**
 - **Rheumative Fever.**
 - **Nervous System:**
 - **Cerebral Pulsy.**
 - **Mental Retardation.**
 - **Meningocele.**
 - **Mangolism.**
 - **Hydrocephalus.**
 - **Eye, Ear:**
 - **Squint.**
 - **Deafness.**
 - **Components of nutrition and Disorders:**
 - **Marasmas.**
 - **Kwashiorkar.**
 - **Vitamin Dificiencies.**

- **Nutritional Programme.**
- **Community Health Nursing:**
 - **Primary Health Centre.**
 - **Set Up.**
 - **Function.**
 - **Services.**
 - **Sub Centre.**
 - **Health services Organisation at different levels:**
 - **National.**
 - **State.**
 - **Local.**
 - **Special community Health Services and Nurses Role:**
 - **Industrial Nursing.**
 - **Tuberculosis Nursing.**
 - **Geriatric Nursing.**
 - **Leprosy Nursing.**
 - **Oncology Nursing.**
 - **Function of District Public Health Nurse:**
 - Health Assessment.**
 - **Antenatal/Care.**
 - **Postnatal/Care.**
 - **Brest Palpation.**
 - **Introduction of RCH.**
 - **Human Sexuality:**
 - **Puberity in male and female.**
 - **Importance of sex education and sex hygiene.**
 - **Different methods of family planning.**
 - **Planning, Organising Family Planning Programmes in our area.**
 - **Sex Life:**
 - **Sterilization.**
 - **Female Reproductive System and Breast:**
 - **Cysts, Tumours and Fibroid of Ut. Hystrectomy.**
 - **Abortions, MTP.**
 - **Venereal Disease.**
 - **Abnormalities of Mensturation.**
 - **Breast Cancer/ Mastectomy**

Midwifery

30 Marks

- **Introduction of Hisotiral Review.**
 - **Morbidity and Mortality Rates their Significance.**
- **Review of reproductive System and embiyology.**
 - **The female pelvis and generative organs,**
 - **Menstrual Cycle.**
 - **Maturation, fertilization and implantation of Ovum,**
 - **Formation of foetal membrances and placenta,**
 - **Foetal bones, skull sutures and fontanel,**
 - **Foetal development of foetal circulation,**

- **Measurement.**
- **Normal Pregnancy:**
 - **Physiological changes due to pregnancy,**
 - **Sings and symptoms diagnosis of pregnancy.**
 - **Pre - Natal Care.**
 - Objectives.
 - History raking.
 - Calculation of expected date of delivery.
 - Rotec examination.
 - **care and advice regarding diet in pregnancy and ante excise.**
 - **Minor disorders or pregnancy and alleviation of discomfort.**
- **Diseases Associated with pregnancy:**
 - **Cardio Vascular.**
 - **Urinary.**
 - **Respiratory.**
 - **Metabolic.**
 - **Nutritional deficiencies.**
- **Normal Delivery (Preparation):**
 - **Requirements for mother and Baby.**
 - **Preparation of patient and Delivery Room - hospital and Home.**
 - **Psychological preparation of mother and Family.**
- **Normal Labour:**
 - **Onset of Labour,**
 - **Physiological changes,**
 - **Mechanisms,**
 - **Stages of Labour,**
 - **Technique of vaginal examination.**
 - **Management of labour and Nursing Care of mother in labour.**
- **Puerperium:**
 - **Physiology,**
 - **Management of puerperium.**
 - **Postnatal examination and care,**
 - **Care of episiotomy.**
 - **Establishment of breast feeding,**
 - **Postnatal exercises,**
 - **Minor ailments and management,**
 - **Family welfare.**
- **Care of New Born:**
 - **Establishment of respiration,**
 - **Care of card eyes and skin,**
 - **Examination of the new born,**
 - **Examination of defeats,**
 - **Care of premature,**
 - **Minor ailments.**
- **Abnormal Midwifery:**
 - **Pregnancy its complications Medical and gynaecological.**
 - **Contracted pelvis**

Ante Partum.

- *Harmon ages* > *Post Partum.*
- *Abortions.*
- *Ectopic gestation.*
- *Hydrated form Mole.*
- *Toxaemia of pregnancy.*
- *Polyhydromnias.*

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