**Diploma in nursing assistance (two years)**

**Fundamentals of nursing, pharmacology and microbiology (paper 1st)**

1. Definition of nursing
2. Principal of nursing
3. Development of nursing
4. Equities of nursing profession
5. Ethics of nursing
6. The nurse and legislation
7. Introduction of nursing
8. general view
9. Origin of nursing
10. Goals and scope of nursing
11. Inter personal relationship
12. Nursing procedure and nursing technique
13. Hospital
14. Function of hospital
15. Types of hospital
16. Hospital house keeping
17. Principal of house keeping
18. Care of clothes pillow mattress
19. Care of furniture
20. Care of sanitary units
21. Place of patient in the hospital
22. Environmental hygiene
23. Personal hygiene –
24. Micro organisms and disease transmission
25. Important of cleanliness and cleaning agents
26. basic nursing care methods of the patients
27. Hot and cold application- hot water bag, fermentation, different type of fermentation ice bag cold compress,

 11. Enema – different type of enema, purpose of enema

**Pharmacology**

Definition drugs, Pharmacy-source of drug, form of drugs.

Route of administration

Various types of drugs –classification, advantage and disadvantage of drugs

Dose definition, minimum and maximum dose, calculating dose

Injection –definition, purpose of injection common dangers of injection, different routes

 Infusion

Special points to be remembered

Infection definition

Sterilization –disinfection

Methods of transmission diseases

Immunity definition –types

Bacteria- common bacteria

Virus definition, small poxvirus, chicken pox virus measles, polio, aids virus.

**Anatomy physiology, sociology, psychology, first aid paper 2nd**

1. General anatomy of human body
2. System of body
3. Function of each system
4. Diseases caused to each system
5. Care of each system

Physiology

1. Human body
2. Function of each organ
3. Disorder of organ

Sociology

1. Definition of sociology and social problem
2. How illness affect society
3. Role of society in preventing epidermis diseases

Psychology

1. Psychology definition
2. Psychology of sick person
3. Needs for psychology support to sick person
4. Mental adjustment of individuals
5. Care of mentally retired and insane persons

First aid

1. Definition
2. First aider –definition duties and responsibilities
3. Artificial respiration, electric shock, burns, control of bleeding, unconsciousness,
4. Fracture and injuries dislocation high, fever, something get struck in the throat
5. Drowning, insect bite, dog bite, snake bite, food poising, chemical poisoning.

**Paper 3rd**

**Nutrition, family planning, communicable diseases and element of midwifery**

Nutrition

1. Definition
2. Function of balanced diets
3. Mal nutrition under nutrition over nutrition
4. Requirements of food for the various age group
5. Deficiency diseases
6. Diet of the sick, aged, child, pre- school, pregnant and lactating mothers
7. Nutrients and its functions and specific deficiency diseases

**Family planning**

 Various method of family planning

M T P and abortion

Methods of education to social group, individual teaching, group teaching, family guidance and counseling

**Communicable diseases and common diseases**

1. Classification of diseases
2. Droplet infection, measles, chicken pox, small pox, influenza
3. Diseases affecting respiratory system : tuberculosis, pneumonia, asthma, bronchitis
4. Diseases affecting gastro intestinal system : dysentery, diarrhea, typhoid, cholera, peptic ulcer, liver diseases (jaundice, hepatitis, cirrhosis, gastritis, appendicitis)
5. Skin diseases and venereal diseases, scabies, soriasis, fungal infection, venereal diseases, leprosy
6. Blood anemia, leukemia, bleeding disorders
7. Urinary diseases:
8. Cardiovascular diseases
9. Nervous system : polio, meningitis
10. Viral diseases aids, and rabies
11. INSCT-born diseases: malaria, filariasis

**2nd final year**

**Paper 1st nursing social and preventive medicine**

Artificial needing: nasal gastric gavages, gastrostomy and enter ostomy feeding, rectal feeding, IV. Infusions

Blood transfusion

Irrigations and instillations- eye irrigation, ear irrigation, vaginal irrigation, rectal irrigation gastric lavage, rectal examination, lumbar puncture

Theatre technique- surgeon’s room, nurse’s room, instrument room, general instrument, pre and post operative care, general nursing care, wound suturing, suturing materials clips

Anesthesia- general anesthesia signs and stage of anesthesia, classification of general anesthesia, intravenous anesthesia, local anesthesia, spinal anesthesia.

**Paper 2nd anatomy, physiology, abnormal physiology**

**Anatomy**

 Endocrine system- ductless glands, pituitary glands, thyroid glands, para thyroid glands, adrenal glands,

Urinary system- organs of urinary system, function of urinary system

Reproductive system- organs of reproductive system in male and female and its function

Nervous system- brain main sub division and lobs, spinal card, various sense organs

**Pharmacology**

Classification of drugs according to the action

Drug interactions- mechanism of drug interaction minor ailments and their treatment intravenous infusion solution veins

**Abnormal psychology**

Classification of general population into normal, abnormal, and superior

General classification of abnormalities – psychoneurosis psychosis, metal deficiency any social personalities

Other forms of abnormalities- a detailed study

**Paper 3rd midwifery**

Structure of pelvis- different between male and female pelvis.

Stricter of uterus ovulation fertilization female

The fetal skull- the ovum and the fetus abnormalities of pregnancy

The mechanism of labor-

Antenatal and post natal exercise

Pregnancy sign and symptom

Different stage of physiological change in pregnant women

Abnormal pregnancy, antenatal care, abdominal examination, labor management of three stage of labor.

New born care, care of premature baby

Structure and function of placenta

Baby bath, health education after delivery, examination of new born, congenital abnormalities new born