

[LE 1019]

FEBRUARY 2014

Sub. Code: 4718

B.Sc (Nursing) DEGREE EXAMINATION

Second Year

Paper III – PHARMACOLOGY, PATHOLOGY AND GENETICS

Q.P. Code : 664718

Time : Three hours

Maximum : 75 marks

Answer Section A and Section B SEPARATELY.

SECTION A - (PHARMACOLOGY)

I. Elaborate on: (1X15=15)

1. a) Classify antihypertensive drugs
- b) Discuss the mechanism of action, pharmacological actions and therapeutic uses of Angiotensin converting enzyme inhibitors.

II. Write Notes on : (3X 5 =15)

1. Write about the drugs used in peptic ulcer
2. Discuss anticonvulsant drugs
3. Discuss oral hypoglycemic drugs

III. Short Answer Questions: (4X 2 =8)

1. Advantages of oral route of drug administration
2. Name four drugs used in cough
3. Name four antiviral drugs
4. Name four general anesthetics.

SECTION B - (PATHOLOGY AND GENETICS)

PATHOLOGY

I. Elaborate on: (1X15=15)

1. Define Neoplasia.
Mention the differences between benign and malignant Neoplasms.
Write briefly about spread of malignant tumours.

II. Write Notes on : (2X 5 =10)

1. Complications of Hypertension
2. Types of necrosis with examples of organs affected

GENETICS

II. Write Notes on : (2X 5 =10)

3. Downs Syndrome
4. Mutation

III. Short Answer Questions: (1X 2 =2)

1. Mention two benefits of Human Genomic Project.
