

[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.
