

[LC 1019]

FEBRUARY 2013

Sub. Code: 4718

B.Sc (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)

Second Year**Paper III – PHARMACOLOGY, PATHOLOGY, GENETICS****Q.P. Code : 664718****Time : Three hours****Maximum : 100 marks****Answer Section A and Section B SEPARATELY.****SECTION A****(PHARMACOLOGY)****I. Essay:** (1X20=20)

1. a) Classify the drugs used in treatment of peptic ulcer
- b) Discuss the pharmacological actions and adverse effects of ranitidine and omeprazole

II. Write Short Notes on : (4X 5 =20)

1. Metformin
2. Paracetamol
3. Succinylcholine
4. Antiplatelet drugs

III. Short Answer Questions: (5X 2 =10)

1. Prodrug
2. Teratogenicity
3. Write a few side effects of cetirizine
4. Mention few side effects of Warfarin
5. Mention a few side effects of aspirin

SECTION B**(PATHOLOGY AND GENETICS)****PATHOLOGY****I. Essay:** (1X20=20)

1. Discuss the steps involved in wound healing

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

1. Types of necrosis
2. Ghon complex

GENETICS**I. Write Short Notes on :** (2X 5 =10)

1. Blood group systems .
2. Structural chromosomal abnormalities.

II. Short Answer Questions: (5X 2 =10)

1. Deletion in chromosomes
2. Prenatal genetic analysis
3. Name 2 methods for detection of genetic alterations
4. Mention 2 features of Down syndrome
5. Define genomics
