

[LF 1019]

AUGUST 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 non-steroidal anti-inflammatory drugs
- b) Explain the mechanism of action, pharmacological actions, adverse effects and therapeutic uses of paracetamol.

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

1. Drugs used in Angina pectoris
2. Explain the mechanism of action of Penicillins
3. Anti platelet drugs

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

1. Name four diuretic drugs
2. Teratogenicity with example
3. Name four anti-diarrhoeal drugs
4. Name four anti-tuberculous drugs

SECTION B - (PATHOLOGY AND GENETICS)**PATHOLOGY****I. Elaborate on:****(1X15=15)**

1. a. Define Tuberculosis.
- b. Mention the differences between primary and secondary tuberculosis.
- c. Write briefly about microscopic features of tuberculosis.

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

1. Phagocytosis
2. Typhoid fever

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

3. Gene therapy
4. Spontaneous abortion

II. Short Answer Questions:**(1X 2 =2)**

1. Mention two merits of Chorionic Villus Biopsy.
