

[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.
