

[LG 1019]

FEBRUARY 2015

Sub. Code: 4718

B.Sc. (Nursing) DEGREE EXAMINATION
(New Regulations for the candidates admitted from 2006-07 onwards)
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:**(1 x 15 = 15)**

1. a) Classify the drugs used in congestive heart failure.
- b) Write the mechanism of action involved in Digoxin and its uses.
- c) Mention the adverse effects of Digoxin toxicity and how it can be treated.

II. Write notes on:**(3 x 5 = 15)**

1. Salbutamol
2. Teratogenicity
3. Ketamine

III. Short answers on:**(4 x 2 = 8)**

1. Define chemotherapy
2. Name two anti-diarrhoeal agents
3. Mention four adverse effects of corticosteroids
4. Name two uses of Atropine

SECTION B - (PATHOLOGY AND GENETICS)

PATHOLOGY

I. Elaborate on:**(1 x 15 = 15)**

1. Describe in detail about type of shock. Write in detail about etiological factors, pathogenesis and morphological change in septic shock.

II. Write notes on:**(2 x 5 = 10)**

1. Write in detail about Bronchiectasis.
2. Types of anemia and write about iron deficiency anemia.

GENETICS

I. Write notes on:**(2 x 5 = 10)**

1. Classify Mendelian disorder, write in detail about autosomal dominant disorder and features of any one type of autosomal disorder.
2. Genetic counseling.

II. Short answers on:**(1 x 2 = 2)**

1. Barr Body.
