

[LM 1019]

FEBRUARY 2018

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 Penicillins.
- b) Write the mechanism of action, uses and adverse effects of Amoxycillin.

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

1. Mechanism of action and uses of Pantoprazole.
2. Anti-tussives.
3. Note on intravenous general anaesthetics.

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

1. Define teratogenicity with example.
2. Mention two drugs used in allergy.
3. Write any two uses of heparin.
4. Name two drugs used in alcohol addiction.

SECTION B
(PATHOLOGY AND GENETICS)
PATHOLOGY

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

1. a) What is atherosclerosis?
- b) List out the causes and effects of atherosclerosis.

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

1. Fate of thrombus.
2. Iron deficiency anaemia.

GENETICS

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

1. Genetic counselling.
2. Blood groups.

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

1. Name two diseases with chromosomal aberrations.
