

[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: $(1 \times 15 = 15)$

1. a) Classify Penicillins.

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

II. Write notes on: $(3 \times 5 = 15)$

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

III. Short answers on: $(4 \times 2 = 8)$

- 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: $(1 \times 15 = 15)$

1. a) What is atherosclerosis?

b) List out the causes and effects of atherosclerosis.

II. Write notes on: $(2 \times 5 = 10)$

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

GENETICS

I. Write notes on: $(2 \times 5 = 10)$

- 1. Genetic counselling.
- 2. Blood groups.

II. Short answers on: $(1 \times 2 = 2)$

1. Name two diseases with chromosomal aberrations.
