

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERSITY

[BSCN 0224]

FEBRUARY 2024

Sub. Code: 4718

B.Sc. (Nursing) DEGREE EXAMINATION
(Regulation 2006-2007 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) Define Antibiotics.
- b) Classify β – lactam antibiotics.
- c) Write in detail about the mechanism of action, uses and adverse effects of Penicillin and nurse's responsibility of its toxicity.

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

1. Drugs used in Helicobacter pylori treatment.
2. Explain about Inotropic drugs.
3. Explain about Benzodiazepines.

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

1. Name four anti-diarrhoeal drugs.
2. Define Biotransformation.
3. Name any adverse effects of Aminoglycoside antibiotics.
4. Define Mucolytics.

SECTION - B
(PATHOLOGY AND GENETICS)
PATHOLOGY

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

1. Define Tuberculosis. Write in detail about etiology, types, pathogenesis and diagnosis of Tuberculosis.

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

1. Bronchitis.
2. Renal stones.

GENETICS

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

1. Neural tube defect.
2. Genetic counselling.

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

1. Consanguinity marriages.
