

PARUL UNIVERSITY
FACULTY OF NURSING

B.Sc. Nursing (Basic), February 2023 Examination

Year: Second Year**Subject Code: 09101203****Subject Name: Pharmacology, Pathology & Genetics****Date: 08-02-2023****Time: 10.00 am to 01.00 pm****Total Marks: 75****Instructions:**

1. Attempt all questions from each section.
2. Figures to the right indicate full marks.
3. Draw diagrams wherever necessary.
4. Write section-A, and section-B on separate answer sheets.

SECTION-A : Pharmacology (38 MARKS)

Q-1 Long Essays (Any one out of two) (1x 10) (10)

1. Enumerate Antihistamines. Discuss their pharmacological actions, adverse effects and therapeutic uses.
2. Classify non-steroidal anti-inflammatory drugs (NSAIDS). Describe the pharmacological actions and therapeutic uses of paracetamol.

Q-2 Short Essays (Any four out of six) (4 x 5) (20)

1. Pyrazinamide.
2. Infective Endocarditis
3. Oral contraceptives.
4. Complications of Diuretic therapy.
5. Therapeutic uses of Aspirin.
6. Succinylcholine

Q-3 Short Answers (4 x 2) (08)

1. State any 4 antileprosy drugs.
2. What are Bronchodilators?
3. Mention the side effects of Warfarin.
4. What is placebo?
5. Name two drugs used in Malaria.
6. What is Teratogen? Give examples

SECTION B: Pathology and Genetics (37 MARKS)

PATHOLOGY

Q-1 Long Essays (Any one out of two) (1x 10) (10)

1. Discuss the steps involved in wound healing
2. Define Neoplasia. Mention the differences between benign and malignant Neoplasms. Write briefly about spread of malignant tumours.

Q-2 Short Essays (Any three out of five) (3 x 5) (15)

1. Types of anemia and write about iron deficiency anemia.
2. Estimation of bleeding time and clotting time.
3. Necrosis
4. Fate of thrombus.
5. Phagocytosis.

GENETICS

Q-3 Short Essays (Any two out of four) (2 x 5) (10)

1. Down Syndrome
2. Spontaneous abortion
3. Genetic counseling.
4. Turner's Syndrome
5. Structure of DNA

Q-4 Short Answers (1 x 2) (02)

1. Name two screening tests for detecting congenital abnormalities.

