

PARUL UNIVERSITY**FACULTY OF NURSING****B.Sc. Nursing (Basic), February 2018 Examination****Year: 2****Date: 07/02/2018****Subject Code: 09101203****Time: 02:00pm to 05:00pm****Subject Name: Pharmacology, Pathology and Genetics****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, section-B on separate answer sheets.

SECTION-A : Pharmacology**Q-1 Long Essays (Any one out of two) (1x 10) (10)**

1. a. Define Antimalarials. (02)
- b. Explain different sources of drugs and classification of drugs. (08)
2. a. Define Antiseptics. (02)
- b. List out indications and contraindications of steroids. (03)
- c. Explain the principles of drug administration. (05)

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

1. Adrenaline
2. Fluid and Electrolyte Therapy
3. Chemotherapy
4. Pharmacodynamics
5. Routes of Drug Administration
6. Bronchodilators

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

1. Difference between diuretics and anti-diuretics.
2. Define Tranquilizers
3. Difference between side effects and adverse effects.
4. Classification of topical applications.

SECTION B: Pathology and Genetics**PATHOLOGY****Q-1 Long Essays (Any one out of two) (1x 10) (10)**

1. a. Define pathology. (02)
- b. List out the types of blood groups. (03)
- c. Explain steps of collection of CSF. (05)
2. a. Define tuberculosis. (02)
- b. Explain the difference between Acute inflammation and chronic inflammation. (03)
- c. Describe the pathological changes in tuberculosis. (05)

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

1. Wound healing process
2. Pathophysiology of Diabetes Mellitus
3. Difference between benign and malignant tumors
4. Nurse's role in specimen collection
5. Universal safety precautions

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

1. Mendel's Law
2. Huntington's Disease
3. Characteristics and Structure of genes
4. Genetic Counseling

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

1. Define infertility and its types.