

PARUL UNIVERSITY**FACULTY OF NURSING****B.Sc. Nursing (Basic), August – 2019 Examination****Year: 2****Date: 09/08/2019****Subject Code: 09101203****Time: 02:00 pm to 05:00 pm****Subject Name: Pharmacology, Pathology & 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 (38 MARKS)**Q.1 Long Essays (Any one out of two) (1x 10) (10)**

1. Explain the drugs using for Bronchial Asthma 7
Discuss the role of Nurse while administering those drugs 3
2. Explain the first line anti tubercular drugs 7
Role of Nurse while administering these drugs 3

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

1. ACE inhibitors
2. Penicillin
3. Oral contraceptives
4. Calcium Channel blockers
5. Sulphonylureas
6. Topical Route of Drug administration

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

1. Pharmacokinetics
2. Anaphylactic shock
3. Drug synergism
4. Aminoglycosides
5. Anti- cancer drug toxicity
6. Teratogenicity

SECTION B: Pathology and Genetics (37 MARKS)**PATHOLOGY****Q.1 Long Essays (Any one out of two) (1x 10) (10)**

1. 2
 - a. Define RHD 4
 - b. Explain the etiopathogenesis 4
 - c. Discuss the morphologic features
2. 5
 - a. Define Nephrotic syndrome 2
 - b. Explain the tetrad of manifestations 3
 - c. Describe the pathogenesis 5

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

1. Blood
2. Constituents of CSF
3. Lobar pneumonia
4. Microvascular complications of Diabetes Mellitus
5. Jaundice

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

1. Genetics and nursing
2. Mutation
3. Cell division
4. Human genome project

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

1. Application of Genetics in nursing