

P. P. SAVANI UNIVERSITY

Third Semester of B.Sc. Nursing Examination
March-2019

SNNR2020 – Pharmacology, Pathology & Genetics

20.03.2019, Wednesday

Time: 09:00 a.m. to 12:00 noon

Maximum Marks: 75

Instructions:

1. The question paper comprises of two sections.
2. Section A and B must be attempted in separate answer sheets.
3. Make suitable assumptions and draw neat figures wherever required.

Section: A (Marks-38)

- Q:1 Long Essay. (Any One) (13)**
1. a) Classify the Antihistaminics. (3)
 - b) Discuss their Pharmacological action, Pharmacokinetics, drug interaction, adverse effect, therapeutic use & nursing responsibility. (10)
 2. a) List the various routes of drug administration with example. (3)
 - b) Write the advantages of oral & intravenous route. (4)
 - c) Explain the factors affecting drug action. (6)
- Q:2 Short Essay. (Any Three) (15)**
1. Describe the Digoxin drug in detail.
 2. Write the Classification of Diuretics & explain any one in detail.
 3. Explain Non Steroid anti-inflammatory drugs.
 4. Classify the antithyroid drugs. Explain the mechanism & therapeutic use of each class.
 5. Write down mechanism of action, therapeutic use, adverse effect, pharmacokinetics & nursing responsibility of Epsolin.
- Q:3 Answer the Following (Any Five) (10)**
1. Name four anti-diarrhoeal drug.
 2. State two drugs used in Angina Pectoris.
 3. What is Placibo?
 4. List the two use of Rifampicin.
 5. Name two diuretics with mechanism of action.
 6. Define Teratogenicity.

Section-B (Marks-37)

- Q:4 Long Essay. (Any One) (12)**
1. Write down the etiopathogenesis of peptic ulcer and complications of the ulcer
 2. Write about causes, pathogenesis & investigation for the Myocardial Infarction.
- Q:5 Short Essay. (Any Three) (15)**
1. Explain the wound healing process.
 2. Describe the pathogenesis & investigation of COPD.
 3. Write down the etiopathogenesis of Paraplegia.
 4. Write down the difference between benign & malignant tumor.
 5. Explain the Blood culture in brief.
- Q:6 Define the Following (Any Five) (10)**
1. Genetic Testing
 2. Infertility
 3. Sex link Inheritance Disorder
 4. Dysmorphism
 5. Inborn error of metabolism
 6. Down Syndrome.