P P SAVANI UNIVERSITY

Third Semester of B.Sc. Nursing Examination

March-2020

SNNR2020 – Pharmacology Pathology & Genetics

13.03.2020, Friday | Time: 09:00 a.m. to 12:00 noon | Maximum Marks: 75

Instructions:

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

Section: I (Marks-38)

Q:1 Long Essay. (Any One) **(13)**

1. a. Classify Nonsteroidal anti-inflammatory drugs. **5**
   b. Describe the Pharmacological actions and therapeutic uses of Paracetamol. **8**
2. a. Classify antihypertensive drugs. **5**
   b. Discuss the mechanism of action, pharmacological actions and therapeutic uses of Angiotensin converting enzyme inhibitors. **8**

Q:2 Short Essay. (Any Three) **(15)**

1. Describe in detail about the drug used in malaria.
2. Write the mechanism of action, pharmacokinetics & pharmaco-dynemics of Bronchodilators.
3. Explain the drug used in Peptic Ulcer.
4. Write about the complications of diuretic therapy and its management.
5. Enlist the drug used in emergency and describe one in detail.

Q:3 Answer the Following (Any Five) **(10)**

1. Name the four drugs used in cough.
2. Define chemotherapy.
3. List out the adverse effect of Corticosteroids.
4. State two difference between Vaccine & Sera.
5. Name two drugs used in allergy.
6. What is Teratogen? Give example.

Section-II (Marks-37)

Q:4 Long Essay. (Any One) **(12)**

1. a) Define and give morphological classification of the Cirrhosis of liver. **5**
   b) Explain the pathophysiology of Alcoholic Cirrhosis **7**
2. Define the COPD and explain the pathophysiology of COPD in detail.

Q:5 Short Essay. (Any Three) **(15)**

1. Write about Legal and ethical issues in genetics
2. Describe the Amniocentesis.
3. Explain the Down syndrome.
4. Describe the CSF Analysis.
5. Write a note on wound healing Process

Q:6 Define the Following (Any Five) **(10)**

1. Mitosis
2. Hypertrophy
3. Pneumonia
4. Hyperplasia
5. Osteomyelitis
6. Inheritance