

sem-3 BCL-1

P. P. SAVANI UNIVERSITY

Third Semester of B.Sc. Nursing Examination

September-2019

SNNR2020 - Pharmacology, Pathology & Genetics

25.09.2019, 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 Diuretics and Write in detail about the pharmacological action of Diuretics. (9)
 - b) Write down the nurse's responsibility for Diuretics group of drugs. (4)
 - 2.a) List the various routes of drug administration with example. Disadvantage of oral route. (6)
 - b) Explain the factors affecting drug action. (7)
- Q:2 Short Essay. (Any Three) (15)**
1. Discuss the classification of Bronchodilators.
 2. Explain the mechanism of action of Antibiotics with one example of each classification.
 3. Explain the Unani & Siddha therapy in brief.
 4. Discuss the First pass metabolism.
 5. Explain about types of the fluids with examples.
- Q:3 Answer the Following (Any Five) (10)**
1. Write down the full form of NSAID with example.
 2. Define Laxatives.
 3. Write down the use of Atropine Sulfate.
 4. Write down the drug use for the patient having Hypertension.
 5. Write down the advantages of oral route drug administration.
 6. Action of bronchodilator.

Section-B (Marks-37)

- Q:4 Long Essay. (Any One) (12)**
1. a) Define neoplasia. (6)
 - b) Discuss the different modes of spread of tumors. (6)
 2. a) Explain the Mendelian theory of Inheritance. (5)
 - b) Discuss the infertility in brief. (7)
- Q:5 Short Essay. (Any Three) (15)**
1. Classification Of Anaemia. Explain Iron deficiency anaemia.
 2. Write down the role of Nurse in genetic counselling.
 3. Describe the effect of radiation & drug on fetus.
 4. Explain the typhoid fever.
 5. Write about Cerebro Spinal Fluid Analysis.
- Q:6 Answer the Following (Any Five) (10)**
1. State two difference between meiosis & mitosis.
 2. Define Inflammation.
 3. State two causes of congenital abnormality.
 4. Define Gene Therapy.
 5. What is atherosclerosis?
 6. List two complication of Pleural Effusion.