

2010 Scheme

Q.P. CODE: 203010

Reg. No:

Second Year B.Sc Nursing Degree Supplementary Examinations September 2023

Pharmacology

Time: 3 Hrs

Max. Marks: 75

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers
- Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers.
- Draw diagram wherever necessary

Essays (25)

1. Classify oral antidiabetic agents with one example each. Describe the mechanism of action and adverse effects of any one class of oral antidiabetic agent. Add a note on the nursing implications (6+2+2+3)
2. Classify antiepileptic drugs with one example each. Explain the mechanism of action, adverse effect and therapeutic uses of Phenytoin (6+2+2+2)

Short notes on the following giving emphasis on nursing implications (5x5=25)

3. Oral contraceptives
4. Drugs for angina pectoris
5. First line anti-tubercular drugs
6. Local anaesthetics
7. Bronchodilators

Dosage calculation (5)

8. Calculate the volume of Heparin needed per day for a patient weighing 50 kg if 100 units/kg/dose is to be given sixth hourly. Heparin is available as 5000 units/ml solution

Differentiate between (4x3=12)

9. Aspirin and Morphine
10. Metoclopramide and Domperidone
11. Captopril and Losartan
12. Amphotericin B and Ketoconazole

Define the following (4x2=8)

13. Pharmacodynamics
14. Drug interaction
15. Adverse drug reaction
16. Anticoagulants
