

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
