

# 2010 Scheme

Q.P. CODE: 203010

Reg. No: .....

## Second Year B.Sc Nursing Degree Supplementary Examinations January 2024

### 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 drugs. Explain the mechanism of action and adverse effects of any one group. Add a note on the nursing implications. (6+2+2+3)
2. Classify antihypertensive drugs with one example each. Discuss the mechanism of action, and therapeutic uses of Angiotensin converting enzyme inhibitors. (6+3+3)

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

3. Rifampicin.
4. Lignocaine.
5. Diuretics.
6. Salbutamol.
7. Nonsteroidal anti-inflammatory drugs.

#### Dosage calculation (5)

8. Calculate the flowrate (drops/minute) if 500ml of an intravenous fluid is to be infused over three hours.

#### Differentiate between (4x3=12)

9. Oral and Sublingual routes.
10. Warfarin and Heparin.
11. Diazepam and Phenobarbitone.
12. Pharmacokinetics and Pharmacodynamics.

#### Define the following (4x2=8)

13. Antiseptics.
14. Antagonists.
15. Therapeutics.
16. Iatrogenic disease.

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