

QP Code: 213010

Reg. No:.....

**Second Year B.Sc Nursing Degree Supplementary Examinations
January 2024
Pharmacology**

(2016 Scheme)

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*

Long Essay:

(12)

1. Classify antianginal drugs with suitable examples. Write the mechanism of action, uses, adverse effects of nitrates. Describe briefly on calcium channel blockers

(4+2+2+2+2)

Short Essays:

(2x7=14)

2. Classify nonsteroidal anti-inflammatory drugs, with two examples each and explain the mechanism of action, uses and adverse effects of aspirin (4+3)
3. Name four tetracyclines. Write their mechanism of action, uses and adverse effects. (2+5)

Short Notes:

(5x5=25)

4. Pre-anaesthetic medications
5. Antihistamines
6. Proton pump inhibitors
7. Heparin sodium
8. Isoniazid (INH)

Differentiate between:

(2x4=8)

9. Morphine and Pethidine
10. Oxytocin and Ergometrine

List down the following:

(2x4=8)

11. Insulin analogues
12. Uses and contraindications of atropine and its substitutes

Answer Briefly:

(2x4=8)

13. Uses of mannitol and why is it contraindicated in congestive cardiac failure.
14. Doctor ordered to mix 200 mg of dopamine in 500ml of 5% dextrose and infuse at the rate of 400 mcg/min. What is the required flow rate and drip rate. The drop factor for the set is 16/ml.
