

QP Code: 213010

Reg. No:.....

**Second Year B.Sc Nursing Degree Supplementary Examinations
July 2025**

**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. List four aminoglycosides. Explain mechanism of action, route of administration, adverse effects and nursing implications (2+3+2+2+3)

Short Essays: (2x7=14)

2. List the drugs used in bronchial asthma. Mechanism of action of any one drug. Explain nursing implications (3+2+2)
3. Name four drugs with anticholinergic action. Enumerate two uses and two adverse effects (4+2+1)

Short Notes: (5x5=25)

4. Proton pump inhibitors
5. Insulin analogues
6. Pharmacokinetics.
7. Uses and contraindications of morphine
8. Intravenous general anaesthetics

Differentiate between: (2x4=8)

9. Propranolol and Metoprolol
10. Nifedipine and Verapamil

List down the following: (2x4=8)

11. Four drugs used as antifungal
12. Four drugs with antiplatelet action

Answer Briefly: (2x4=8)

13. Rationale for adrenaline in anaphylactic shock
14. Name an uterine relaxant and the rationale for its use in premature labour.
