

Q.P. CODE: 214016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary
Examinations July 2025**

**Pharmacology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks:80

- *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 table/diagrams/flow charts wherever necessary*

Essays: (2x10=20)

1. Classify diuretics. Discuss the mechanism of action, uses and adverse effects of frusemide. (4+2+2+2)
2. Classify drugs used in treatment of cardiac failure. Discuss the mechanism of action, uses and adverse effects of digoxin. (4+2+2+2)

Short notes: (6x5=30)

3. Intravenous fluids
4. Classification of Nonsteroidal anti-inflammatory drugs, mechanism of action, uses and adverse effects of aspirin
5. Antihistamines
6. Antitubercular drugs
7. Immunosuppressive agents
8. Classify sedative hypnotics. Uses and adverse effects of diazepam

Answer briefly: (10x3=30)

9. Bioavailability
10. Pharmacovigilance
11. Lignocaine
12. Cephalosporins
13. Drugs used in cough
14. Skeletal muscle relaxants
15. Thrombolytics
16. Cardioplegic drugs
17. Statins
18. Calcium channel blockers
