

Q.P. CODE: 214016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Regular/Supplementary
Examinations December 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 antianginal drugs. Discuss the mechanism of action, uses and adverse effects of glyceryl trinitrate (4+2+2+2)
2. Describe different routes of administration with two examples of drugs given through each route

Short notes: (6x5=30)

3. Drug antagonism
4. Hypolipidemic drugs
5. Loop diuretics
6. Plasma expanders
7. Aminoglycosides
8. Adverse effects of corticosteroids

Answer briefly: (10x3=30)

9. Plasma half-life and its importance
10. Amiodarone
11. Transdermal drug delivery system
12. Penicillin
13. Alpha blockers
14. Diazepam
15. Inotropic agents
16. Second generation antihistamines
17. Low molecular weight heparin
18. Emergency drugs
