

Q.P. CODE: 204016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary Examinations,
February 2017**

Pharmacology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Describe the various routes of drug administration with two examples of drugs given through each route.
2. Classify drugs used in the treatment of cardiac failure. Describe the mechanism of action, uses and adverse effects of digoxin.

Short notes:

(6×5=30)

3. Intravenous fluids.
4. Classify local anesthetics and add a note on lignocaine.
5. Pre anesthetic medication
6. Drugs used in the treatment of cough.
7. Uses and adverse effects of glucocorticoids
8. Classify tetracyclines and mention their clinical uses.

Answer briefly:

(10×3=30)

9. Thrombolytic agents
10. Pharmacovigilance
11. Aspirin
12. Name three skeletal muscle relaxants & mention their adverse effects.
13. Statins
14. Adrenaline
15. List three anti arrhythmics belonging to different groups and mention their mechanism of action.
16. Bioavailability
17. Losartan
18. Gentamicin
