

Q.P. CODE: 204016

Reg. No:

Second Year B.Sc Perfusion Technology Degree Examinations, September 2015

Pharmacology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Classify anti arrhythmic drugs. Describe the mechanism of action , dosage, side effects , indications and contra indications of lignocaine.
2. Classify general anesthetics. Describe the pharmacokintetics and pharmacodynamics of intravenous general anesthetics. Mention the uses and side effects of propofol.

Short notes:

(6×5=30)

3. Bronchodilators
4. Ringer lactate
5. Diuretics
6. Corticosteroids
7. Classification, spectrum of activity, routes of administration and adverse effects of penicillin.
8. Immuno-supressive agents.

Answer briefly:

(10×3=30)

9. First pass metabolism of drugs.
10. Potassium supplementation
11. Cardioplegia composition
12. Ondansetron
13. Vecuronium bromide
14. Digoxin
15. Lipid lowering drugs
16. Dobutamine
17. Amino glycosides
18. Coronary vasodilators
