

Q.P. CODE: 204016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary Examinations,
February 2015**

Pharmacology

Time: 3 Hrs

Max. Marks:80

- Answer all questions
- Draw diagram wherever necessary

Essays:

(2×10=20)

1. Classify anti arrhythmic. Describe the mechanism of action, dosage, side effects, uses and contra indications of amiodarone.
2. Describe the principles of cardioplegia. Mention the different cardioplegia solutions used. What are the components of St.Thomas 2 solution and list the effects of each of the components. What is HTK solution and its advantages over conventional cardioplegia solution.

Short notes:

(6×5=30)

3. Tranexamic acid
4. Lignocaine
5. Lipid lowering agents
6. Morphine
7. Milrinone
8. Amino glycosides

Answer briefly:

(10×3=30)

9. Corticosteroids
10. Sevoflurane
11. Loop diuretics
12. Bronchodilators
13. Tacrolimus
14. Ringer lactate solution
15. Anticoagulants
16. Plasmalyte and its uses
17. Insulin
18. Cephalosporins
