

Q.P. CODE: 214016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary Examinations
July 2021**

**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 anti-anginal agents. Describe the mechanism of action and adverse effects of nitrates
2. Discuss about bronchodilators.

Short notes: (6x5=30)

3. Azithromycin
4. Loop Diuretics
5. Dopamine
6. Statins
7. Intravenous general anesthetic agents
8. Plasma expanders

Answer briefly: (10x3=30)

9. Mechanism of action of local anesthetic agents
10. Adverse effects of prednisolone
11. Uses of adrenaline
12. Uses of benzodiazepines
13. Diclofenac sodium
14. Rifampicin
15. Loratidine
16. Clavulanic acid
17. Half life ($t_{1/2}$)
18. Pancuronium
