

Q.P. CODE: 213016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary
Examinations August 2024**

**Introduction to Perfusion Technology
(2016 Scheme)**

Time: 3 Hrs

Max. Marks:100

- *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 diagrams wherever necessary*

Essays:

(2x15=30)

1. Discuss Activated clotting time
2. Discuss various blood pumps used during cardiopulmonary bypass

Short notes:

(5x7=35)

3. Filters used in CPB
4. Management of inadequate venous drainage on cardiopulmonary bypass
5. Use of a right superior pulmonary vent
6. Two stage venous cannula
7. Ostial cardioplegia

Answer briefly:

(7x5=35)

8. Chest X-ray and the perfusionist
9. Defibrillator
10. Gross's well technique
11. Boyles Law
12. Peristaltic pump for IV fluids
13. 1 Pressure transducers
14. Connectors used in CPB
