

Q.P. CODE: 215016

Reg. No:

**Second Year B.Sc Perfusion Technology Degree Supplementary
Examinations August 2022**

Medicine Relevant to Perfusion Technology

(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. Describe the different blood groups. What are the complications of mismatched blood transfusion.
2. What is the difference between acute and chronic renal failure. How is acute renal failure treated.

Short notes:

(5x7=35)

3. Ischemic heart disease
4. Bronchial asthma
5. Sickle cell anemia and its implications in CPB
6. Hemodynamic changes from fetal to newborn life.
7. Aortic dissection

Answer briefly:

(5x5=25)

8. Heart transplantation
9. Diabetic neuropathy
10. Pulmonary hypertension
11. Atrial septal defect
12. Cardiac tamponade
