

# Rajiv Gandhi University of Health Sciences

**Second Year M.Sc. (Perfusion Technology) Degree Examination - OCT-2019**

[Time: 3 Hours]

[Max. Marks: 100]

## **Hematology as Relevant to Perfusion (RS-2)**

**Q.P. CODE: 9088**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary. Answer all questions

### **LONG ESSAY**

**2 X 20 = 40 Marks**

1. Write an essay on blood transfusion practices and its indications on CPB. Explain the complications of blood transfusion.
2. Write an essay on anticoagulation during CPB and its neutralization after CPB.

### **SHORT ESSAY**

**6 X 10 = 60 Marks**

3. Management of CPB in Jehovah witness patients
4. Thromboelastography
5. Retrograde autologous priming (RAP) and Venous Antegrade Priming (VAP)
6. Bivalirudin
7. Tropical agents to decrease blood loss during cardiac surgery
8. Cell saver

\* \* \* \* \*

www.FirstRanker.com