

Roll No. 

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc.(MLS) (2011 to 2017) (Sem.-5)

**BLOOD BANKING**

Subject Code : BMLS-503

Paper ID : [D1167]

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

**SECTION-A****Q1 Answer briefly :**

- A. Which types of patients should avoid donation?
- B. Name the Apheresis derived blood components.
- C. Define Pro thrombin time.
- D. Write a short note on haemoglobin screening in blood donors.
- E. What is the Permanent deferral criteria for donors?
- F. Name two indications for platelet transfusion.
- G. Write a short note on the storage of blood components.
- H. What is a titre?
- I. Name the different types of anticoagulants.
- J. What is Rh factor?

**SECTION-B**

- Q2 Give the techniques of Rh grouping with interpretation.
- Q3 Briefly discuss about Transfusion reaction and their investigations.
- Q4 What is Bombay Blood group? What are its characters?
- Q5 What type of material should be used for transfusion bottles?
- Q6 Explain the principle and applications of Coombs test.

**SECTION-C**

- Q7 Write in detail about the types of blood bags and anticoagulants used in blood bank.
- Q8 Classify transfusion reactions. How do you investigate transfusion reaction?
- Q9 What is cryoprecipitate? Describe its preparation, constituents and conditions in which this product can be used.

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