Roll No. Total No. of Pages: 02

Total No. of Questions: 09

B.Sc.(MLS) (2013 to 2017) (Sem.-5) BLOOD BANKING

Subject Code: BMLS-503 M.Code: 70467

Time: 3 Hrs. Max. Marks: 60

INSTRUCTION TO CANDIDATES:

- 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

1. Answer briefly:

- a. What is H antigen?
- b. Define circulatory overload.
- c. What is a rejection criterion for a blood donor?
- d. What are professional donors?
- e. What is HDN?
- f. What are satellite bags?
- g. What is the use of packed red cells?
- h. What is full form of LISS?
- i. What are various steps of cross matching?
- j. What is hemophilia B?



SECTION-B

- 2. What is Bombay blood group?
- 3. Discuss significance of Coomb's test.
- 4. Write a short note on haemapheresis.
- 5. Discuss about sources of error in blood grouping and their elimination.
- 6. Write a short note on quality control in blood bank.

SECTION-C

- 7. Explain in detail ABO blood groups.
- 8. What is an anticoagulant? Discuss various anticoagulants used in blood bank with their advantages and disadvantages.
- 9. Write a detailed note on blood cell components. Discuss their method of preparation and shelf life.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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