

[illegible]

- What is H antigen?
- Define circulatory overload.
- What is a rejection criterion for a blood donor?
- What are professional donors?
- What is HDN?
- What are satellite bags?
- What is the use of packed red cells?
- What is full form of LISS?
- What are various steps of cross matching?
- 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.

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