



SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

M.Sc. Medical Laboratory Technology (Semester-IV)

March 2024 Examination

[Max. Marks :100]

Time : 3 Hrs.

Blood Transfusion

Q.P Code : M4100

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 20 = 40 Marks

1. Define stem cell banking, advantage and disadvantages and methods of stem cell banking
2. Discuss the indications, principle and procedure of exchange transfusion. Discuss pathogenesis and diagnosis of Rh haemolytic disease of new born. What is the role of blood bank in managing Rh haemolytic disease of new born.

SHORT ESSAY

6X 10 = 60 Marks

3. Discuss life cycle of malaria and its enlist the lab diagnosis types of malaria parasite
4. Describe the preparation of FFP. What are indications of transfusion of FFP.
5. Discuss the role of blood bank in workup of transfusion reaction.
6. Discuss the organization of blood donation camps.
7. Enlist the waste generated in blood bank. How do you dispose this biomedical waste.
8. Discuss selection of blood donors.

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