



Answer All The Questions

10 X 10 = 100 Marks

1. Define massive transfusion and discuss the indications and complications of massive blood transfusion.
2. Write a short note on Rare Donor Registry.
3. Mention the definitive indications for therapeutic plasma exchange. What is the rationale for plasma exchange in Thrombotic Thrombocytopenic Purpura (TTP).
4. Describe the method of cryopreservation of red blood cells and its clinical applications.
5. How do you ensure the quality assurance in blood components separation laboratory?
6. Classify platelet gel. Compare and contrast the different types.
7. Discuss the management of patients with inhibitors to factors VIII in Haemophilia.
8. Discuss the indications for administration of IVIG (Intravenous Immunoglobulin).
9. Describe the methods of plasma fractionation.
10. Discuss the patient blood management in Jehovah's Witness.

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