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Firstranker's cholour answers should be specific to the questions asked.

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Draw neat labeled diagrams wherever necessary.

Answer All The Questions

 $10 \times 10 = 100 \text{ Marks}$

- Discuss the causes for ABO discrepancy and methods of resolution in it. 1.
- 2. Describe the transfusion policy in an ABO mismatched hematopoietic stem cell transplant recipients.
- What are H-deficient phenotypes? How do you provide transfusion support to patient with 3. H-deficient phenotype?
- 4. Discuss HLA and disease association.
- 5. Write short note on Drug Induced Hemolytic Anemia.
- 6. Write a short on Human Platelet Antigens.
- 7. Discuss the ISBT nomenclature for blood group antigens.
- 8. Describe the methods of detection of Feto-maternal hemorrhage.
- 9. Write a short note on Rh Null phenotype.
- 10. Discuss the pre-transfusion testing in neonates.

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