

QP Code:102108

Reg. No.:.....

**PG Degree Supplementary Examinations in Transfusion Medicine (MD)
November 2022**

Paper II - Immunohaematology, Immunogenetics and Applied Serology

Time: 3 hrs

Max marks:100

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers*
- *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essay:

(20)

1. What is ABO blood group discrepancy. Discuss various types and laboratory approach to resolve the discrepancies in patients and donors.

Short essays:

(8x10=80)

2. RhD variants and their clinical importance
3. Discuss various factors affecting antigen antibody reaction
4. Write a note on paroxysmal cold hemoglobinuria
5. Computer crossmatch
6. Platelet alloimmunization
7. Role of flow cytometry in transfusion medicine
8. Utility of Secretor status determination in immunohematology
9. Role of transfusion medicine specialist in ABO incompatible renal transplants
