

QP Code:102108

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Transfusion Medicine
(MD) June 2020**

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 the pathogenesis of haemolytic disease of new born (HDN). Write clinical picture, management and prevention of HDN.

Short essays:

(8x10=80)

2. Importance of LISS and enzymes in blood bank serology.
3. Immune mechanism of graft rejections.
4. Work up of Autoimmune Haemolytic Anaemia (AIHA)
5. Rh antigen and its variants
6. Nucleic acid testing in blood bank
7. Describe the principle of antigen inheritance.
8. Classic Bombay (Oh) & Para Bombay blood group.
9. Transfusion support in thalassemic patient
