



**DM-20142**

Seat No. \_\_\_\_\_

**M. D. (Immunohaematology and Blood Transfusion)  
Examination**

**March – 2022**

**Paper - II : Immunohaematology Immunogenetics  
& Applied Serology**

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Use blue / black point pen only.  
(2) The number to the write indicates full marks.  
(3) Draw diagrams whenever necessary.

- 1** Discuss types, pathophysiology and laboratory evaluation **25**  
and transfusion, support in a case of autoimmune hemolytic  
anaemia.
- 2** Discuss various factors affecting red cell antigen antibody **25**  
reaction. What are the difference between IgM and IgG  
mediated red cell destruction ?
- 3** Write short notes : (Any Five) **50**  
(a) Red cell chimerism  
(b) Duffy blood group system  
(c) Type and screen policy  
(d) Describe electronic cross match and its feasibility in  
India.  
(e) Platelet cross match  
(f) The use of lectins in transfusion medicine.

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