



BW-20142

Seat No. _____

M. D. Examination

April - 2021

Immunohaematology & Blood

Transfusion : Paper - II

(Immunohaematology, Immunogenetics & Applied Serology)

Time : 3 Hours]

[Total Marks : 100

- Instructions :** (1) Use Blue/Black Point pen only.
(2) Do not write anything on the black portion of the question paper.
(3) All questions are compulsory.
(4) The number to the right indicates full marks.
(5) Draw diagrams wherever necessary.

- 1** Long answer questions : **2×25=50**
- (a) Describe various elements of Compatibility Testing. How will you resolve a case of incompatible cross match and provide appropriate unit of red cells.
 - (b) Discuss the clinical considerations as applied to the Rh blood group system.
- 2** Short answer questions : (any five) **5×10=50**
- (a) Proxysmal nocturnal haemoglobinuria.
 - (b) Discuss causes and management of platelet refractoriness.
 - (c) The coombs reagents.
 - (d) Rare blood group registry.
 - (e) Blood groups and paternity testing.
 - (f) Lactins and its use in red cell serology.