



MBL-20143

Seat No. _____

M. D. Examination

April / May - 2018

Immuno haematology &

Blood Transfusion : Paper - III

*(Clinical & Therapeutic Aspects of Immuno haematology &
Blood Transfusion)*

Time : 3 Hours]

[Total Marks : 100

- Instructions :**
- (1) Use blue/black point pen only.
 - (2) Do not write anything on the blank 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

- (i) Describe adverse transfusion reactions and its protocol of investigation.
- (ii) Discuss massive transfusion and its protocols.

2 Short answer questions : (any five) 5×10=50

- (1) Quality control of blood components
- (2) Bacterial contamination of platelets
- (3) Irradiation of blood and its products
- (4) Therapeutic plasma exchanges
- (5) Intrauterine transfusion
- (6) Write an SOP for quality control of Anti D mono clonal antisera.