



NAW-20142

Seat No. _____

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

March / April - 2017

**Paper - II : Immunohaematology &
Blood Transfusion Services**

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 whenever necessary.

1 Long Answer Questions : 2×25=50

- (1) Describe genetic defect pathophysiology in Thalessemia Major,
- (2) Discuss various aspects required to set a good QMS in BTS. Discuss QI of Blood bank.

2 Short Answer Questions : (Any Five) 5×10=50

- (1) HLA in allogenic BM Transplantation.
- (2) Investigations in a Patient of Acute Hemolytic Blood Transfusion reactions.
- (3) Bombay Phenotyping.
- (4) Neonatal transfusion practice in pediatrics.
- (5) Elution procedures and its application.
- (6) ABO discrepancies and its resolutions.