



**BY-20143**

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

**M. D. Examination**

**April - 2021**

**Immunohaematology & Blood Transfusion : Paper-III**

*(Clinical & Therapeutic Aspects of Immunohaematology & Blood Transfusion)*

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) Discuss the management of Haemolytic disease of foetus and new born.
- (b) Discuss about accreditation of Blood Bank. List brief logarithmic approach. What are the quality control parameters for accreditation in respect of blood and blood components.

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

- (a) Strategies to reduce bacterial contamination of blood components.
- (b) Adverse donor reaction.
- (c) Transfusion related acute lung injury (TRALI)
- (d) Root cause analysis of a failed quality control test of RDP.
- (e) Ethical issue in transfusion medicine.
- (f) Autologous blood transfusion.