

**QP Code: 103110**

**Reg. No.:.....**

**PG Degree Regular/Supplementary Examinations in Pathology  
(MD) June 2020**

**Paper III - Haematology, Transfusion Medicine and Laboratory Medicine**

**Time: 3 hrs**

**Max marks:100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essay: (20)**

1. Classify Myelodysplastic Syndrome (MDS). Describe the diagnostic criteria of each type. Discuss the natural history of MDS.

**Short Essays: (8x10=80)**

2. Hereditary spherocytosis
3. Von Willebrand disease
4. Heparin induced thrombocytopenia
5. Diagnostic criteria of multiple myeloma
6. Biochemical function of vitamin B<sub>12</sub>
7. Role of Hb F detection in haemoglobinopathies
8. Inherited disorders platelet function
9. Transfusion Related Immunomodulation

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