

QP Code:103110

Reg. No.:.....

**PG Degree Supplementary Examinations in Pathology (MD)
November 2021**

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. Discuss complications of blood transfusion and laboratory evaluation of acute transfusion reactions.

Short Essays: (8x10=80)

2. Pathogenesis of paroxysmal nocturnal hemoglobinuria
3. Flow cytometry in hematological malignancies
4. Discuss anemia in chronic diseases
5. Evaluation of thrombocytopenia
6. Discuss the clinical features and diagnosis of antiphospholipid syndrome
7. Describe the utility of urine microscopy in diagnosis and prognosis
8. Quality control in haematology laboratory
9. Recent WHO classification of acute leukemias
