

QP Code:103110

Reg. No.:.....

**PG Degree Regular/Supplementary Examinations in Pathology
(MD) November 2025**

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 the molecular basis and lab diagnosis of thalassemia. Add a note on screening tests for thalassemia

Short Essays: (8x10=80)

2. Pathogenesis and lab diagnosis of anti-phospholipid syndrome
3. MRD (Minimal Residual Disease) detection in Acute leukemia
4. Laboratory testing for transmissible diseases of donated blood
5. Clinical uses of fresh frozen plasma
6. Telescoped urinary sediment
7. WHO reporting of semen analysis
8. Automation in clinical pathology
9. Paroxysmal nocturnal haemoglobinuria
