

QP Code:103110

Reg. No.:.....

**PG Degree Supplementary Examinations in Pathology (MD)
December 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 haemolytic anemias. Describe in detail about molecular pathogenesis and diagnosis of thalassemia

Short Essays: (8x10=80)

2. Discuss the role of flow cytometry in the diagnosis of acute leukemia
3. Discuss the causes of pancytopenia. Describe the lab methods in the investigation of a patient with pancytopenia
4. Approach to male infertility
5. Blood components, their preparation and uses.
6. Quality control in hematology laboratory
7. Classify plasma cell dyscrasias and describe in detail about its laboratory diagnosis
8. Qualitative platelet disorders
9. Hematopoietic stem cell transplantation
