

PATHOLOGY
PAPER-IV

Please read carefully the important instructions mentioned on Page '1'

- Answers to questions of Part A and part B are to be strictly attempted in separate answer sheets and the main + supplementary answer sheets used for each part must be tagged separately.
- Answers to question(s) of Part A attempted in answer sheets of Part B or vice versa shall not be evaluated.

PART B

6. a) Flow cytometry in diagnosis of autoimmune haemolytic anemia. 5+5
b) Automation in coagulation.
7. a) Red cell enzymopathies. 5+5
b) Molecular basis of Paroxysmal Nocturnal Hemoglobinuria.
8. a) Name various red cells indices measured by automated hematology analysers and their role in evaluation of anemia. 5+5
b) Morphological categories of post-transplant lymphoproliferative disorders.
9. a) Role of nucleic acid amplification tests (NAAT) in blood banking. 5+5
b) Discuss various Romanowsky stains.
10. a) Quality control in Hematology laboratory. 5+5
b) Minimal residual disease in acute leukemia.
