

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

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| 6. | a) Fanconi anemia. | 5+5 |
| | b) Laboratory investigations of thrombophilia. | |
| 7. | a) Role of autologous stem cell transplantation in hematological malignancies. | 5+5 |
| | b) Hemophagocytic syndromes. | |
| 8. | a) New diagnostic parameters in Hematology analyzers and their clinical significance. | 5+5 |
| | b) Apheresis. | |
| 9. | a) Detection and prognostic implications of c-myc expression in diffuse large B-cell lymphoma. | 5+5 |
| | b) International normalized ratio (INR). | |
| 10. | a) BRAF(V600E) mutations in hematological disorders. | 5+5 |
| | b) Sickle cell syndromes. | |
