

PATHOLOGY
PAPER-I

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) Vascular endothelial growth factor. | 5+5 |
| | b) Genomic imprinting. | |
| 7. | a) Antibody mediated hypersensitivity. | 5+5 |
| | b) p53 gene. | |
| 8. | a) Obesity and metabolomics. | 5+5 |
| | b) Laboratory evaluation of osteoporosis. | |
| 9. | a) Principles and applications of Fluorescent-in-situ hybridization (FISH). | 5+5 |
| | b) Biomedical waste management in pathology laboratories. | |
| 10. | a) Mechanism of autoimmunity. | 5+5 |
| | b) Actions of tumour necrosis factor and Interleukin-1. | |
