

M.D. (PATHOLOGY): SUMMER-2022
SUBJECT: PAPER-III: HEMATOLOGY, TRANSFUSION
MEDICINE AND LABORATORY MEDICINE

Day: *Wednesday*
Date: *06-07-2022*

Time: *1:30 PM TO 4:30 PM*
Max. Marks: **100**

3-724-2022

N.B.:

- 1) **Q. No.1 and Q. No.2 are COMPULSORY.**
- 2) Attempt **ANY SEVEN** questions from **Q. No.3 to Q. No.10.**
- 3) Figures to the right indicate **FULL** marks.
- 4) Draw neat and labelled diagrams **WHEREVER** necessary.

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| Q.1 | Describe etiopathogenesis, laboratory diagnosis and prognostic factors in multiple myeloma. | (15) |
| Q.2 | Classify myeloproliferative disorders. Discuss each entity as per WHO defining criteria. | (15) |
| Q.3 | Write a note on apheresis. | (10) |
| Q.4 | Enumerate causes of primary and secondary polycythemia and discuss laboratory diagnosis of polycythemia. | (10) |
| Q.5 | Write a note on bone marrow failure syndrome. | (10) |
| Q.6 | Describe pathogenesis and laboratory diagnosis of hereditary spherocytosis. | (10) |
| Q.7 | Write a note on microalbuminuria. | (10) |
| Q.8 | Write a note on platelet function disorders. | (10) |
| Q.9 | Describe International prognostic scoring system (IDSS) for myelodysplastic syndrome. | (10) |
| Q.10 | Write a note on automation urine examination. | (10) |

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