

HEMATOLOGY

PAPER- I

Time : 3 hours
Max. Marks : 100

HEMAT/D/11/48/I

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:-

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| 1. | Recent concepts of iron absorption. | 10 |
| 2. | Hemophilia carrier detection. | 10 |
| 3. | FISH in hematology. | 10 |
| 4. | Inherited bone marrow failure syndromes. | 10 |
| 5. | Detection of Minimal Residual Disease. | 10 |
| 6. | Diagnosis of PNH and its relevance to management. | 10 |
| 7. | Hematological manifestations of Parvo virus B 9 infection. | 10 |
| 8. | Alpha-thalassemia in India. | 10 |
| 9. | Childhood myelodysplastic syndrome. | 10 |
| 10. | Role of flow cytometry in chronic lymphoproliferative disorders. | 10 |

HEMATOLOGY

PAPER- II

Time : 3 hours
Max. Marks : 100

HEMAT/D/11/48/II

Attempt all questions in order.
Each question carries 10 marks.

Write short notes on:-

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| 1. | Advances in the management of multiple myeloma. | 10 |
| 2. | Management of Sickle Cell Disease. | 10 |
| 3. | Immunological abnormalities in chronic lymphocytic leukemia and their management. | 10 |
| 4. | How would you investigate and manage a case of drug induced hemolytic anemia? | 10 |
| 5. | Newer chelating agents. | 10 |
| 6. | Management of diffuse large cell B-cell lymphoma. | 10 |
| 7. | Indications of bone marrow transplantation in AML. | 10 |
| 8. | Targeted therapy in hematological malignancies. | 10 |
| 9. | Diagnosis and management of 5q-syndrome. | 10 |
| 10. | Management of steroid refractory ITP. | 10 |

HEMATOLOGY

PAPER- III

Time : 3 hours

HEMAT/D/11/48/III

**Attempt all questions in order.
Each question carries 10 marks.**

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| 1. | Discuss the hematological manifestations of HIV infection. | 10 |
| 2. | GVHD in blood transfusions. | 10 |
| 3. | Recombinant coagulation factors and their uses. | 10 |
| 4. | Procurement and preservation of stem cells. | 10 |
| 5. | Inhibitors of fibrinolytic system. | 10 |
| 6. | Hemophagocytic syndromes. | 10 |
| 7. | Free light chain assay. | 10 |
| 8. | Variants of Hairy Cell Leukemia. | 10 |
| 9. | Coagulation abnormalities in liver disease. | 10 |
| 10. | G-6-PD deficiency. | 10 |
