HEMATOLOGY

PAPER- I

Time : 3 hours
Max. Marks : 100

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

Write short notes on:-

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

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POSSESSION/USE OF CELL PHONES OR ANY SUCH ELECTRONIC GADGETS IS NOT PERMITTED INSIDE THE EXAMINATION HALL
HEMATOLOGY

PAPER- II

Time : 3 hours
Max. Marks : 100

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

Write short notes on:-

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

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HEMATOLOGY

PAPER- III

Time : 3 hours

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

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

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