

D.M. – CLINICAL HAEMATOLOGY
Paper – IV RECENT ADVANCES IN HAEMATOLOGY
Q.P.Code: 161404

Time: Three Hours

Maximum: 100 marks

I. Elaborate on:

(2X15=30)

1. Describe in detail the processes involved in gene therapy, the vectors used and its applications in the treatment of haematological disorders.
2. Describe in detail the diagnosis and management of chronic myeloid leukemia (CML) including the use of newer drugs as first line agents and molecular monitoring while on treatment.

II. Write notes on:

(10X7=70)

1. Micafungin
2. Induced pluripotent stem cells
3. Gene therapy for hemophilia
4. Carfilzomib
5. Immunotherapy against Cytomegalovirus after BMT
6. Haplo-identical transplantation
7. Scoring systems in MDS
8. BRAF mutation
9. Kinase targeted strategies in CLL
10. Clofarabine
