

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[DM 0124]

JANUARY 2024

Sub. Code :1404

D.M. – CLINICAL HAEMATOLOGY

PAPER IV – RECENT ADVANCES IN HAEMATOLOGY

Q.P. Code: 161404

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Haploidentical donor stem cell transplantation.
2. Recent advances in the management of acute lymphoblastic leukemia.

II. Write notes on:

(10 x 7 = 70)

1. Virus specific T cells.
2. CAR T cell therapy.
3. Gene therapy for thalassemia and sickle cell anemia.
4. Immune tolerance induction.
5. Next generation sequencing.
6. Emicizumab.
7. BTK inhibitors.
8. Asciminib.
9. Monoclonal gammopathy of renal significance.
10. CHIP, ICUS and CCUS.
