

The West Bengal University of Health Sciences
D.M (Clinical Haematology) Examination, August 2022

Paper : II

Full Marks :100
Time : 3 hours

Attempt all questions. All Questions carry 10marks each.

1. Role of next generation sequencing in the diagnosis and management of patients with unexplained cytopenia. 10
2. Basis of myeloperoxidase stain, staining method and results of staining a normal marrow aspirate. 10
3. Lab evaluation of different types of monoclonal immunoglobulin deposition diseases. 10
4. Histological patterns of lymphoma infiltration in the bone marrow. How to distinguish reactive from neoplastic infiltrates? 10
5. Alpha thalassemia genotypes and phenotypic correlations. 10
6. Approach to laboratory monitoring of non-factor hemophilia therapy. 10
7. Quality control of automated cell counter. 10
8. Point-of-Care Test in the diagnosis of sickle cell anaemia. 10
9. Hemostasis assays in patients on DOACs. 10
10. Optimal strategies for carrier screening and prenatal diagnosis of Thalassaemia. 10