

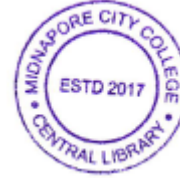
2026

6th Semester Examination (CCFUP : NEP)

BMLT

Paper : MI 6-T (Minor)

[Clinical Haematology]



Full Marks : 40

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any *five* questions : $2 \times 5 = 10$

1. Define anisocytosis.
- ② When are Howell-jolly bodies and tear drop cells seen in peripheral blood smear?
- ③ What is central pallor?
- ④ Write the alteration in RBC indices changes in microcytic hypochromic anaemia.
5. Define Arneth index.
- ⑥ What is megaloblastic anaemia?
- ⑦ Name the confirmatory test for G6PD deficiency and its significance.

P.T.O.



8. Define aplastic anaemia.

Group - B

Answer any *four* questions : $5 \times 4 = 20$

9. Discuss the different red cell indices.

10. Write short notes on Hereditary Spherocytosis and Osmotic Fragility test.

11. What is PNH? Mention the types of Autoimmune haemolytic anaemia. $2+3$

12. Explain the causes, clinical features and laboratory findings of multiple Myeloma. $1+2+2$

13. Write the genetic defect and pathogenesis of Sickle cell anaemia. $3+2$

14. What is Hemosiderosis? Differentiate iron deficiency anemia and thalassemia based on : RBC indices, peripheral smear findings and serum iron profile. $1+4$

Group - C

Answer any *one* question : $10 \times 1 = 10$

15. Classify Leukemia and mention the classical features of each type. Write down the procedure of Bone marrow biopsy. $2+3+5$

16. Discuss different types of coagulation disorders.
