Roll No. | | | | | | | | | | | | **Total No. of Pages : 02**

Total No. of Questions : 09

B.Sc. (MLS) (Sem.–6)

APPLIED HAEMATOLOGY-II

Subject Code : BMLS601-18

M.Code : 79484

Date of Examination : 02-01-2023

Time : 3 Hrs. **Max. Marks : 60**

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. Write briefly:

a) What do you mean by millicurie?

b) How you determine plasma volume?

c) Radiation hazards

d) Significance of chromosomal studies.

e) What is full form of ITP?

f) Application of radioactive isotope.

g) Define Schilling test.

h) Define Anaemia.

i) Define Megaloblast?

j) What is the function of Transferrin?

SECTION-B

2. What is half-life of radioactive isotopes? What is its importance?

3. What are leukamoid reactions?

4. Discuss in detail the laboratory diagnosis of haemolyitic anaemia.

5. Write a brief note on disposal of radioactive material.

6. Write about the lab diagnosis of hemophilia and von-willebrand disease

SECTION-C

7. Discuss the mechanism and diagnosis of DIC.

8. Explain the process of fibrinolysis. Give laboratory diagnosis of hyper-fibrinolysis.

9. What are various investigations done for a case suspected to be suffering from iron deficiency anemia? Discuss the significance of each test done.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.