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 : 04-07-22**

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 Curie?

   b)   What is Philadelphia chromosome?

   c)   Define RAD.

   d)   How do you determine red cell volume?

   e)   Von-willebrand disease.

   f)   What is half life of a radioisotope?

   g)   Define radioactive material.

   h)   What are leukamoid reactions?

   i)   What is full form of DIC.

   j)   Classification of anaemias.

## SECTION-B

2. Write short note on use of cytochemical staining for the diagnosis of leukemias.

3. Write a note on the classification of chromosomes based on the position of centromere.

4. Write a short note on the use of various radioactive isotopes used in hematology.

5. What is radioactivity? Give its use in haematology laboratory.

6. What is schilling test? Discuss its significance.


## SECTION-C

7. Discuss the mechanism of normal fibrinolysis. Give various tests for hyperfibrinolysis.

8. What is karyotyping? Outline the procedure for performing the test.

9. Discuss in detail the laboratory diagnosis of iron deficiency anaemia.


**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**.