PRN:		Course Code:	UML302

Second Year **B. Sc Medical Laboratory Technology**
End Semester Examination Winter 2023

Hematology-I

Day and Date: Thursday, 30/11/2023		Max Marks:	**50**
Time:	2.00 to 4.00 pm	Duration:	**02** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt any two from the following**			
	a)	Write the any five function of blood.	06	L_1	CO1
	b)	Write a short note on RBCs	06	L_2	CO1
	c)	Write a short note on iron deficiency anemia.	06	L_2	CO1
Q.2		**Attempt any two from the following**			
	a)	Discuss about hemolytic anemia.	06	L_1	CO2
	b)	Define hemoglobin and write the functions of HB.	06	L_1	CO2
	c)	Write a short note on hemoglobin synthesis.	06	L_3	CO2
Q.3		**Attempt the following**			
	a)	Define leucopoiesis and explain stages of leucopoiesis.	06	L_2	CO3
	b)	What is the effect of HIV on blood cell parameter?	07	L_3	CO 3
		Or			
	b)	Discuss about role of coagulation factors in blood	07	L_2	CO 3
Q.4		**Attempt the following**			
	a)	Draw any three diagrams for general blood picture of RBCs	06	L_2	CO4
	b)	Write a short note on G6PD.	07	L_4	CO4
		Or			
	b)	Define platelets.Explain the role of platelets in human body?	07	L_2	CO4

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