

SHRI RAMSWAROOP MEMORIAL UNIVERSITY

End Semester Examination (2021-22)-Odd Semester

DIPLOMA (BM) – III Year (V Sem)

Course Name: Bio-Chemistry

Code: DBT5103

Time: 02 Hours

Max Marks: 60

University Roll No.

(To be filled by the Student)

Note: Please read instructions carefully:

- The question paper has 03 sections and it is compulsory to attempt all sections.
- All questions of Section A are compulsory; questions in Section B and C contain choice.

Section A: Very Short Answer type Questions		BL	CLO	Marks (10)
Attempt all the questions.				
1.	What is WBC?	BL1	CLO 1	02
2.	What is RNA?	BL1	CLO 2	02
3.	What is carbohydrate?	BL1	CLO 3	02
4.	What is densitometry?	BL1	CLO 4	02
5.	Illustrate the composition of blood.	BL2	CLO 4	02
Section B: Short Answer Type Questions		BL	CLO	Marks (30)
Attempt any 03 out of 05 questions.				
1.	Explain the various values for the liver function test.	BL2	CLO 4	10
2.	What are the roles of cholesterol in our body?	BL1	CLO 3	10
3.	What are the applications of enzymes?	BL2	CLO 2	10
4.	Illustrate the biological role of lipids.	BL2	CLO 3	10
5.	Explain the salient features of nucleic acid.	BL2	CLO 1	10
Section C: Long Answer Type Questions/Case Study Attempt any 01 out of 04 questions. Answer question in appropriate word limit.		BL	CLO	Marks (20)
1.	Identify the abnormal constituents of blood. Explain their significance and diseases.	BL3	CLO 4	20
2.	Discuss in brief concept of normal and abnormal metabolism of	BL6	CLO 3	20

	carbohydrates.			
3.	What are the pharmaceutical importances of enzymes?	BL1	CLO 2	20
4.	Write the methods used for the determination of the structure of biomolecules.	BL1	CLO 1	20
