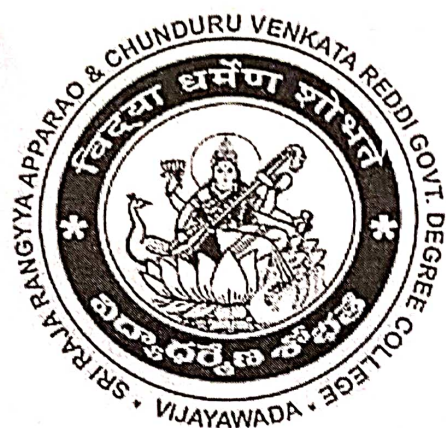


SRR & CVR GOVT. DEGREE COLLEGE (A)

VIJAYAWADA

DEPARTMENT OF BIOCHEMISTRY



BRIDGE COURSE

I BSc (MBC& MBF)

2021-2022

SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada
DEPARTMENT OF BIOCHEMISTRY

I BSc (MBC) Bridge Course 2021-22

S No	Name of the Student	Date							Marks obtained Bridge Course 20M (Post Examination)
		15/11/2021	16/11/2021	17/11/2021	18/11/2021	19/11/2021	20/11/2021	22/11/22	
1	K. Vinay	P	A	P	A	P	P	13	
2	G. Jashuva	P	A	P	P	P	P	10	
3	CH. DEPIKA	P	P	P	A	P	P	15	
4	K. VITAY	P	A	P	A	P	P	13	
5	V. MURUGESH M. POTHANA	A	P	P	A	P	P	10	
6									
7									
8									
	Topic Taught	fundamentals of cells	Biomolecules	classification of Carbohydrates	Water as a biological solvent	Structures of Monosaccharides	Amino acid Structures.	Essential & Non essential amino acids	
	Signature Lecturer								

Signature of the Lecturer

Signature of the In-charge

Principal
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Machilipatnam, VIJAYAWADA

Signature Lecturer	Topic Taught
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	Biomolecules.
	Classification of Carbo- -hydrates.
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 SRR & CVR GOVT DEGREE COLLEGE
 (Autonomous)
 Machavaram, VIJAYAPURAM-520 004

**SRR & CVR GOVT DEGREE COLLEGE (A),
VIJAYAWADA**

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE

SYLLABUS

1. FUNDAMENTALS OF CELL (EUKARYOTIC AND PROKARYOTIC)
2. WATER AS A BIOLOGICAL SOLVENT
3. INTRODUCTION TO AMINOACIDS
4. CLASSIFICATION AND STRUCTURES OF AMINOACIDS
5. INTRODUCTION TO CARBOHYDRATES

Name: G. Praneeth

Date:

SRR & CVR GOVL. DEGREE COLLEGE (A)

VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

(12)

12/20

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SRR & CVR GOVL. DEGREE COLLEGE (A)

VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

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(a) ASP

(c) ATP

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(d) phosphodiester linkage.

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(a) pyruvate

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SRK & CVR GOVL. DEGREE COLLEGE (A)

VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

12

12/20

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SRR & CVR GOVL. DEGREE COLLEGE (A)
VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

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Name: G. Anil Kumar

SRR & CVR GOVL. DEGREE COLLEGE (A) VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

(20) 20
20

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Name: K. Naga Sriya

Date:

SRR & CVR GOVL. DEGREE COLLEGE (A)

VITAYAWADA

DEPARTMENT OF BIOCHEMISTRY

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SRR & CVR GOVT. DEGREE COLLEGE (A)

VITAYAWADA

10
10/
20

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

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SRR & CVR GOVL. DEGREE COLLEGE (A) (10)

VITAYAWADA

DEPARTMENT OF Biochemistry

BRIDGE COURSE EXAM

14
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SRR & CVR GOVL. DEGREE COLLEGE (A)

VITAYAWADA

⑪

11/20

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

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SRR & CVR GOVT. DEGREE COLLEGE (A)

VIJAYAWADA

DEPARTMENT OF BIOCHEMISTRY



BRIDGE COURSE

I BSc (MBC& MBF)

2022-2023

SRR & CVR GOVT. DEGREE COLLEGE (A), Vijayawada

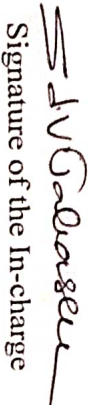
DEPARTMENT OF BIOCHEMISTRY


I BSc (MBFT) Bridge Course 2022-23

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	26/10/22	27/10/22	28/10/22	10/11/22	01/12/22	
1 P. Shiny Raj	P	A	P	P	P	18
2 M. Janalki	P	P	A	P	A	18
3 K. Sivi	A	A	A	P	P	19
4 M. Navya	A	A	P	P	P	16
5 S. Pragnika	P	P	P	P	P	18
6 D. Hlyma	A	A	P	P	P	19
7 M. Lahari	A	A	A	P	P	19
8 K. Jhany	A	A	P	P	P	20
9 K. Janya Sri	P	P	P	A	P	17
10 B. Kapana	P	A	P	P	A	18
11 L. Divya Sri	P	P	A	P	P	18
12 T. Sri Lakshmi Babnavi	P	P	A	P	P	16
13 P. Durgebhavani	A	A	A	P	P	15
14 G. Sridam	P	P	P	A	P	17
15 Sk. Shaheed Pasra	A	P	P	P	P	14
16 P. Mahesh	A	P	P	P	P	16
17 Sk. Rasool Sadiq	A	P	P	P	P	18
18 P. Sai kumari	P	P	P	P	P	18
19 T. Tulasi Nayana	P	P	P	P	P	19
20 D. Manoj	A	A	A	P	P	16
21						

Signature Lecturer	Topic Taught																				
✓	Fundamentals of Cell																				
✓	Basics of Biomolecules																				
✓	Basics of amino acids																				
✓	Basics of Carbohydrates																				
✓	Classification of Carbohydrates																				
✓	Structure of Aminoacids																				

Signature of the Lecturer: 

Signature of the In-charge: 

Signature of the In-charge: 
 SRR & CVR GOVT PEGREE COLLEGE
 (Autonomous)
 Machavaram, VIJAYANAGAR-520 004

SRR & CVR GOVT. DEGREE COLLEGE (A) Vijayawada

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3	K. Pavan Kumar reddy	A	P	P	P	P	P	18
4	D. Ganeswarar	A	P	P	P	P	P	14
5	D. Kavya sree	P	P	P	P	A	P	20
6	D. Prabhas	P	P	P	P	A	P	15
7	K. Vaishnavi							18
8	Hema							17
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	Signature Lecturer							

F. Saueri
Signature of the Lecturer

S.V. Galani
Signature of the In-charge

Principal
SRR & CVR GOVT. DEGREE COLLEGE
(Autonomous)
Vijayawada
Macharam, VIJAYAWADA-520004

**SRR & CVR GOVT DEGREE COLLEGE (A),
VIJAYAWADA**

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE

SYLLABUS

1. FUNDAMENTALS OF CELL (EUKARYOTIC AND PROKARYOTIC)
2. WATER AS A BIOLOGICAL SOLVENT
3. INTRODUCTION TO AMINOACIDS
4. CLASSIFICATION AND STRUCTURES OF AMINOACIDS
5. INTRODUCTION TO CARBOHYDRATES

SRR & CVR GOVT DEGREE COLLEGE (A), VIJAYAWADA

DEPARTMENT OF BIOCHEMISTRY

BRIDGE COURSE EXAM

20
20

1. What is cell biology?

- a) Study of cell division only
- b) Study of cancerous cell
- c) Study of cell structure and function
- d) Study of metaphase of a cell

2. Which of the following polysaccharide is not present in the eukaryotic plant cell wall?

- a) Chitin
- b) Hemicellulose
- c) Pectin
- d) Cellulose

3. Which of the following is known as the suicide bag of a cell?

- a) Mitochondria
- b) Golgi Complex
- c) Lysosome
- d) Nuclei

4. What does it mean to be a polar molecule?

- a) The molecule can survive in a cold climate.
- b) The molecule has a negative charge on opposite ends of the molecule.
- c) The molecule has a positive and negative charge on opposite ends of the molecule.
- d) The molecule can survive in a hot climate.

5. Water is liquid at room temperature, the most important reason for this is the...

- a) High boiling point of water
- b) High melting point of water
- c) High heat of vaporization of water
- d) Cohesive forces due to hydrogen bonds in water

6. Water is a.....

- a) Polar solvent
- b) Non polar solvent
- c) An amphipathic solvent
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7. Carbohydrates are also known as

- a) Hydrates of carbon
- b) Carbonates
- c) Glycolipids
- d) Polysaccharide

8. Class of carbohydrate which cannot be hydrolyzed further, is known as?
 a) Disaccharides
 b) Polysaccharides
 c) Proteoglycan
 ✓ d) Monosaccharide
9. Sugars which differs from each other only around single carbon atom is called epimer.
 ✓ a) True
 b) False
10. The epimers of glucose.
 (a) Fructose
 ✓ (b) Galactose
 (c) Ribose
 (d) Deoxyribose.
11. Carbohydrates are also essential for the regulation of
 ✓ a) Nerve tissue
 b) Diabetes
 c) Cancer
 d) Constipation
12. Which of the following is a form of table sugar?
 a) Maltose
 b) Glucose
 ✓ c) Sucrose
 d) Fructose
13. Which of the following is the most important energy source of carbohydrates in the mammals?
 ✓ a) Glucose
 b) Amino acid
 c) Lipid
 d) DNA
14. What is the approximately percentage of carbohydrate present in your diet?
 a) 20%
 b) 10%
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56	51	91.07	50	50	100	65	61	93.84
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5. Which of the following amino acids has to be supplemented in the diet?

- a) phenylalanine
- b) cysteine
- c) glutamine
- d) asparagines

16. The naturally occurring proteins consist of

- a) D-amino acids
- b) L-amino acids
- c) both (a) and (b)
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17. Amino acids are mostly synthesised from

- a) fatty acids
- b) mineral salts
- c) α -ketoglutaric acid
- d) volatile acids

18. Which of the following amino acids is not necessary to be taken in the diet?

- a) histidine
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19. Amino acids with aromatic side chain are

- a) tryptophan, asparagine, tyrosine
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k. jagan kumar Reddy

1st year BSc (MBC)

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93.84	61	65	100	50	50	91.07	51	52
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J. Srin Kumar
BSC [MBC]

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D. Kavyasree

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1st year

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