

B.Tech (CSE) Minor II Examination (Even) 2023-24

Date: 28.04.2024
Course Title: Biology for Engineers

Total Number of Questions: [4]
Course Code: BTLBS 102

Time Allowed: 1.0 Hours

Max Marks: [20]

Instructions: Attempt All Questions.

Section - A

Q1.	Briefly answer the following multiple choice questions questions: (i) Amino acids with aromatic side chains are (a) tryptophan, asparagine, tyrosine (b) tryptophan, threonine, tyrosine (c) phenylalanine, tryptophan, serine (d) phenylalanine, tryptophan, tyrosine (ii) Out of these, which one is the non-essential amino acid? (a) Lysine (b) Threonine (c) Serine (d) Histidine (iii) Which of the following is an essential amino acid? (a) Cysteine (b) Asparagine (c) Glutamine (c) Phenylalanine (iv) Out of these, the acidic amino acids are (a) Arginine and glutamate (b) Aspartate and asparagine (c) Aspartate and lysine (d) Aspartate and glutamate	[01] [01] [01] [01] [03] [03]	CO2 CO2 CO2 CO2 CO3 CO3
Q2.	(i) Why moist heat is used by beautician in hair waving (curling). (ii) Write a short note on crystallin (lens protein).		
Section - B			
Q3.	State the different functions of Proteins. Differentiate between primary and secondary structure of proteins.	[05]	CO2
Q4.	Which vitamin is known as anti aging factor and why is known as anti aging factor? State the different functions of that vitamin in human body.	[05]	CO3