

Biomolecules

Sr	Questions	Answers Choice
1	What is true about cellulose.	<p>A. It provides structural support in plants</p> <p>B. It is soluble in water</p> <p>C. It is digestible by human digestive system</p> <p>D. It is sweet in taste</p>
2	How do unsaturated fatty acids differ from saturated fatty acids.	<p>A. They are found only in animal fats</p> <p>B. They contain double bonds in their hydrocarbon chains</p> <p>C. They have more hydrogen atoms</p> <p>D. They are solid at room temperature.</p>
3	Proteins present in muscle cells.	<p>A. Actin</p> <p>B. Fibrin</p> <p>C. Myosin</p> <p>D. B and C both</p>
4	All the nucleotides of RNA differ from the nucleotides of DNA in having different	<p>A. Nitrogen base</p> <p>B. Phosphate group</p> <p>C. Pentose sugar, nitrogen base</p> <p>D. Carboxylic group</p>
5	Which of the disaccharides is also called transport sugar.	<p>A. Maltose</p> <p>B. Sucrose</p> <p>C. Fructose</p> <p>D. Lactose</p>
6	Which components make up a nucleotide.	<p>A. Protein, sugar, nitrogenous base</p> <p>B. Sugar phosphate, nitrogenous base</p> <p>C. Amino acid, sugar, nitrogenous base</p> <p>D. Fatty acid, phosphate, nitrogenous base</p>
7	Which of the following proteins is involved in oxygen transport.	<p>A. Collagen</p> <p>B. Keratin</p> <p>C. Haemoglobin</p> <p>D. Insulin</p>
8	Different amino acids differ from each other on the basis of theirgroup	<p>A. Amino</p> <p>B. Phosphate</p> <p>C. Alkyl</p> <p>D. Carboxylic</p>
9	The amount of energy obtained from one gram of fat is.	<p>A. 9 Kcal/g</p> <p>B. 5 Kcal/g</p> <p>C. 13 Kcal/g</p> <p>D. 17 Kcal/g</p>
10	The type of RNA that brings amino acids to the ribosome is.	<p>A. tRNA</p> <p>B. snRNA</p> <p>C. rRNA</p> <p>D. mRNA</p>
11	Which nitrogenous base is found in RNA but not in DNA.	<p>A. Adenine</p> <p>B. Uracil</p> <p>C. Guanine</p> <p>D. Thymine</p>
12	Polynucleotide strands present in DNA molecule are.	<p>A. 2</p> <p>B. 3</p> <p>C. 4</p> <p>D. 5</p>
13	Which is not a function of carbohydrates.	<p>A. Providing energy</p> <p>B. Forming the primary structure of cell membranes</p> <p>C. Breaking down into glucose</p> <p>D. Serving as building blocks for complex carbohydrates</p>
		<p>A. Fats</p>

14	Genes contain instructions for the synthesis of.	B. Proteins C. Vitamins D. Carbohydrates
15	This is a heredity materials .	A. rRNA B. RNA C. tRNA D. DNA
16	Transcription takes place in the	A. Cytoplasm B. Ribosomes C. Rough endoplasmic reticulum D. Nucleus
17	What is the primary function of carbohydrates.	A. Provide energy B. Act as enzymes C. Regular processes D. Make Membranes
18	Which component of an amino acid determines its unique properties.	A. Amino group B. Carboxyl group C. R group D. Hydrogen group
19	%age of protein is dry mass of protoplasm.	A. 15 B. 50 C. 10 D. 18
20	Which proteins are involved in defence against pathogens.	A. Haemoglobin B. Fibrinogen C. Antibodies D. Myosin