

Biomolecules

Sr	Questions	Answers Choice
1	Biomolecules make the dry mass of living organisms.	A. 93 B. 73 C. 53 D. 43
2	Which of the following is NOT a function of proteins.	A. Fight against pathogen B. Carry genetic information C. Transport oxygen in the blood D. Help in digesting food
3	Which proteins are involved in defence against pathogens.	A. Haemoglobin B. Fibrinogen C. Antibodies D. Myosin
4	What is true about cellulose.	A. It provides structural support in plants B. It is soluble in water C. It is digestible by human digestive system D. It is sweet in taste
5	During translation, sequence of amino acids in the protein decided on the basis of sequence of nucleotides in.	A. mRNA B. tRNA C. rRNA D. DNA
6	Which component of an amino acid determines its unique properties.	A. Amino group B. Carboxyl group C. R group D. Hydrogen group
7	How will you differentiate between monosaccharides and polysaccharides.	A. Polysaccharides dissolve easily B. Monosaccharides are single sugar C. Polysaccharides are sweet in taste D. Monosaccharides are present in plant cell wall
8	Essential part of nucleic acids are.	A. Hexoses B. Pentoses C. Heptoses D. Trioses
9	% age of carbohydrates in dry mass of protoplasm.	A. 7 B. 50 C. 15 D. 93
10	Transcription takes place in the	A. Cytoplasm B. Ribosomes C. Rough endoplasmic reticulum D. Nucleus
11	The type of RNA that bring amino acids to the ribosome is.	A. tRNA B. snRNA C. rRNA D. mRNA
12	Which is not a function of carbohydrates.	A. Providing energy B. Forming the primary structure of cell membranes C. Breaking down into glucose D. Serving as building blocks for complex carbohydrates
13	This is a heredity materials .	A. rRNA B. RNA C. tRNA D. DNA
14	Which of the following statements regarding genes is false.	A. Genes are located on chromosomes B. Genes consist of a long sequence of DNA C. A gene is a segment of DNA that codes for a specific protein D. Genes are the basic units of heredity

		C. A gene contains information for the production of a protein D. Each cell contains a single copy of every gene
15	Amino acids present in insulin.	A. 95 B. 51 C. 574 D. 47
16	Genes are short segments of.	A. DNA B. Lipids C. Protein D. Carbohydrates
17	Polynucleotide strands present in DNA molecule are.	A. 2 B. 3 C. 4 D. 5
18	Type of amino acids make proteins.	A. 20 B. 170 C. 40 D. 57
19	Which of the disaccharide is also called transport sugar.	A. Maltos B. Sucrose C. Fructose D. Lactose
20	Genes contain instructions for the synthesis of.	A. Fats B. Proteins C. Vitamins D. Carbohydrates