

Biomolecules

Sr	Questions	Answers Choice
1	The amount of energy obtained from one gram of fat is.	A. 9 Kcal/g B. 5 Kcal/g C. 13 Kcal/g D. 17 Kcal/g
2	Both strands of DNA are held together by hydrogen bonding. Double hydrogen bonds are present between	A. Adenine and guanine B. Adenine and thymine C. Cytosine and guanine D. Cytosine and thymine
3	This is a hereditary material.	A. rRNA B. RNA C. tRNA D. DNA
4	%age of lipids in dry mass of protoplasm	A. 10 B. 15 C. 18 D. 50
5	What is the primary function of carbohydrates.	A. Provide energy B. Act as enzymes C. Regular processes D. Make Membranes
6	Which proteins are involved in defence against pathogens.	A. Haemoglobin B. Fibrinogen C. Antibodies D. Myosin
7	% age of carbohydrates in dry mass of protoplasm.	A. 7 B. 50 C. 15 D. 93
8	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
9	Type of amino acids make proteins.	A. 20 B. 170 C. 40 D. 57
10	The type of RNA that brings amino acids to the ribosome is.	A. tRNA B. snRNA C. rRNA D. mRNA
11	Which of the following proteins is involved in oxygen transport.	A. Collagen B. Keratin C. Haemoglobin D. Insulin
12	Amino acids present in insulin.	A. 95 B. 51 C. 574 D. 47
13	How do unsaturated fatty acids differ from saturated fatty acids.	A. They are found only in animal fats B. They contain double bonds in their hydrocarbon chains C. They have more hydrogen atoms D. They are solid at room temperature.
14	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

15	Which of the disaccharide is also called transport sugar.	A. Maltos B. Sucrose C. Fructose D. Lactose
16	Which components make up a nucleotide.	A. Protein, sugar, nitrogenous base B. Sugar phosphate, itrogenous base C. Amino acid, sugar, nitrogenous base D. Fatty acide, phosphate, nitrogenous base
17	Which of the following statements regardign genes is false.	A. Genes are located on chromosomes B. Genes consist of a long sequence of DNA C. A gene contains information for the production of a protein D. Each cell contains a sigle copy of every gene
18	Which of the following is the basic strutual unit of most lipids.	A. Amino acid B. Nucleotides C. Simple sugars D. Fatty acids and glycerol
19	%age of protein is dry mass of protoplasm.	A. 15 B. 50 C. 10 D. 18
20	%age of nucleic acids in dry mass of protoplasm.	A. 7 B. 18 C. 90 D. 10