

## Biomolecules

Sr	Questions	Answers Choice
1	All the nucleotides of RNA differ from the nucleotides of DNA in having different	A. Nitrogen base B. Phosphate group C. Pentose sugar, nitrogen base D. Carboxylic group
2	What is the primary function of carbohydrates.	A. Provide energy B. Act as enzymes C. Regular processes D. Make Memberanes
3	Both strands of DNA are held together by hydrogenbonding double hydrogen bonds are present between	A. Adenine and guanine B. Adenine and thymine C. Cytosine and guanine D. Cytosine and thymine
4	Genes conatain instuctions for the synthesis of.	A. Fats B. Protens C. Vitamins D. Carbohydrates
5	%age of lipids in dry mass of protoplasm	A. 10 B. 15 C. 18 D. 50
6	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
7	Transcription takes place in the	A. Cytoplasm B. Ribosomes C. Rough endoplasmic reticulum D. Nucleus
8	Most abundant biomolecule in the cell is	A. Lipids B. Proteins C. Carbohydrates D. Nucleic acids
9	The type of RNA that bring amino acids to the ribosome is.	A. tRNA B. snRNA C. rRNA D. mRNA
10	Amino acids present in insullin.	A. 95 B. 51 C. 574 D. 47
11	What is true about cellulouse.	A. It provides structurla support in plants B. It is soluble in water C. It is digestible by human digestive system D. It is sweet in taste
12	Different amino acids differ from each othe ron the basis of their .....group	A. Amino B. Phosphate C. Alkyl D. Carboxylic
13	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
14	%age of protein is dry mass of protoplasm.	A. 15 B. 50 C. 10 D. 18
15	Essential part of nucleic acids are.	A. Hexoses B. Pentoses C. Heptoses

D. Trioses

16 Which proteins are involved in defence against pathogens.

- A. Haemoglobin
- B. Fibrinogen
- C. Antibodies
- D. Myosin

17 Genes are short segments of.

- A. DNA
- B. Lipids
- C. Protein
- D. Carbohydrates

18 Type of amino acids make proteins.

- A. 20
- B. 170
- C. 40
- D. 57

19 Which of the following proteins is involved in oxygen transport.

- A. Collagen
- B. Keratin
- C. Haemoglobin
- D. Insulin

20 Most abundant carbohydrate is

- A. Chitin
- B. Cellulose
- C. Glucose
- D. Starch