

## MDCAT Biology Chapter 2 MCQ's Test

Sr	Questions	Answers Choice
1	Amino acids found in cells	A. 160 B. 150 C. 175 D. 170
2	A branch of Biology, which deals with the study of chemical components and chemical processes in living organisms is known as:	A. Biochemistry B. Biomedical C. Biochemistry D. Molecular Biology
3	All living things are made of certain chemical compounds , which are generally classified as:	A. Organic and Inorganic B. Polar and Non-polar C. Ionic and Non-ionic D. Acids and Bases
4	Organic compound :	A. H B. O C. N D. C
5	Haemophilus influenzae was published in:	A. 1960 B. 1950 C. 1895 D. 1995
6	Found in fruits	A. Glycogen B. Starch C. Cellulose D. All
7	Percentage of water in Bacterial cell in	A. 10 % B. 70% C. 80% D. 50%
8	Two strands of DNA are coiled around each other in the form of:	A. Double helix B. Single helix C. $\alpha$ -helix D. Triple helix
9	Phosphoric acid	A. $H_2SO_4$ B. $H_2CO_3$ C. $H_2PO_3$ D. $H_3PO_4$
10	Nucleic acids were found in	A. 1850 B. 1860 C. 1870 D. 1890
11	Amino acids are arranged in proper sequence during protein synthesis according to the instructions transcribed on:	A. Transfer RNA B. Ribosomal RNA C. Messenger RNA D. DNA
12	Simple sugars	A. Monosaccharides B. Polysaccharides C. Disaccharides D. All
13	The survival of an organism depends upon its ability to take some chemicals from its environment and use them to make chemicals for its own:	A. Protoplast B. Living Matter C. Vital matter D. All of them
14	Specific heat of vaporization of water is $K^{cal}/kg$	A. 560 B. 510 C. 564 D. 574
15	A basic knowledge of Biochemistry is essential for understanding :	A. Anatomy and histology B. Anatomy and Physiology C. Physiology and Cytology D. Cytology and Anatomy

16	Hydrated carbon	A. Lipids B. Carbon Dioxide C. Protein D. Carbohydrate
17	Which of the following amounts of bases are more likely to be found in an organism?	A. Adenine 30.9% and cytosine 30.7% B. Guanine 27.5% and Adenine 27.8% C. Cytosine 19.8% and Tymine 20.0% D. Adenine 32% and Thymine 31.9%
18	Types of RNA	A. 1 B. 3 C. 4 D. 2
19	CH <sub>2</sub> O is:	A. Protein B. Carbohydrate C. Lipids D. All
20	Percentage of lipid in mammalian cell is:	A. 4 B. 2 C. 9 D. 3