

MDCAT Biology Chapter 2 MCQ's Test

| Sr | Questions | Answers Choice |
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| 1 | Percentage of lipid in mammalian cell is: | A. 4 B. 2 C. 9 D. 3 |
| 2 | 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 |
| 3 | Percentage of water in Bacterial cell is | A. 10 % B. 70% C. 80% D. 50% |
| 4 | Found in fruits | A. Glycogen B. Starch C. Cellulose D. All |
| 5 | Haemophilus influenzae was published in: | A. 1960 B. 1950 C. 1895 D. 1995 |
| 6 | 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 |
| 7 | Peptide bond is a : | A. C-H link B. C-N link C. C-O link D. N-H link |
| 8 | Two strands of DNA are coiled around each other in the form of: | A. Double helix B. Single helix C. α -helix D. Triple helix |
| 9 | 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 |
| 10 | Specific heat of vaporization of water is $K \text{ cal/kg}$ | A. 560 B. 510 C. 564 D. 574 |
| 11 | Hydrated carbon | A. Lipids B. Carbon Dioxide C. Protein D. Carbohydrate |
| 12 | C-N link forms bonds | A. Covalent B. Ionic C. Peptide D. Polypeptide |
| 13 | 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 |
| 14 | Photosynthesis, respiration, digestion and muscle contraction can all be described in: | A. Technical Terms B. Mechanical Terms C. Psychological terms D. Biochemical terms |
| 15 | DNA structure is formed by | A. Francis B. Crick C. Both D. Not any |

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| 16 | Biochemistry is branch of: | A. Physics B. Chemotherapy C. Biology D. None of all |
| 17 | Amino acids found in cells | A. 160 B. 150 C. 175 D. 170 |
| 18 | The survival of an organism depends upon its ability to take some chemicals form its environment and use them to make chemicals to its own: | A. Protoplast B. Living Matter C. Vital matter D. All of them |
| 19 | The covalent bond between two monosaccharide | A. Glycogen B. Glucose C. Glycosidic D. All |
| 20 | Animals obtain carbohydrates mainly from : | A. Glucose B. Starch C. Sucrose D. Glycogen |