

## Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Glycoproteins are formed by the linkage of.	A. Protein and lipid B. Protein and carbohydrate C. Two nucleic acids D. RNA and histone
2	The back bone of nucleic acids is formed by	A. Sugar + phosphates B. Nitrogenous base C. Fatty acids D. Proteins
3	Actin and myosin are critical for	A. Oxygen transport B. Muscle contraction C. Immune response D. DNA replication
4	In the primary structure of insulin alpha chain has 21 amino acids while beta chain has 30 amino acids, both these chains are joined by	A. Hydrogen bond B. Disulphide bond C. Ionic bond D. Covalent bond
5	Testosterone is made up of.	A. 3- six cornered rings + 1-five cornered ring B. 1-six cornered ring + 3-five cornered ring C. Only 3- six cornered rings D. 3- six cornered rings + 1 four cornered square
6	A patient with a clotting disorder likely has a deficiency in .	A. Fibrinogen B. Hemoglobin C. Insulin D. Albumin
7	Basic knowledge of biochemistry helps to understand anatomy and.....	A. Physiology B. Morphology C. Parasitology D. Pathology
8	Phosphodiester bonds in DNA are formed between	A. C5 of one nucleotide and C3 of another B. Nitrogenous bases C. C1 of sugar and phosphate D. Purines and pyrimidines
9	The bond which helps in maintaining the structure of large molecules like proteins, nucleic acids, as well as DNA replication is.	A. Hydrophobic interaction B. Hydrogen bond C. Hydrophilic interaction D. Ionic bond
10	Which bond has stored energy and known as potential source of energy	A. C-H Bond B. C-N bond C. C-O bond D. C-C bond
11	The term "Protein" was coined by	A. J. Berzelius B. F. Sanger C. Watson and Crick D. Meselson
12	Triacylglycerols are composed of.	A. Glycerol + 3 fatty acids B. Glucose + 2 fatty acids C. Wax + alcohol D. 3 glycerols + 1 fatty acid
13	Clover leaf structure is the characteristic of	A. tRNA B. mRNA C. rRNA D. DNA
14	The program in DNA that directs cellular activities is stored in.	A. Genes B. Ribosomal proteins C. Phosphodiester bond D. Hydrogen bond

15	The globular structure of protein is maintained by.....bonds.	A. Ionic, hydrogen, disulphide B. Hydrogen, covalent, peptide C. Hydrophobic interactions, hydrogen bond, hydrophilic interactions D. Only hydrogen bond
16	A compound whose chemical composition is most closely related to maltose is.	A. Starch B. Protein C. ATP D. RNA
17	Which group is found in all fatty acids.	A. COOH B. SO <sub>4</sub> C. PO <sub>4</sub> D. C-N
18	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
19	Atom A shares its electron with Atom B. A bond is most likely to be formed between them. What type of chemical bond?	A. Ionic B. Covalent C. Hydrogen D. Hydrophobic interaction
20	During translation tRNA molecules are responsible for.	A. Transporting amino acids to the ribosomes B. Transcribing DNA into RNA C. Forming the structure of ribosomes D. Degradation of mRNA