

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The conjugated molecules that are integral structural components of membranes of the cells are.	A. Glycolipids B. Glycoproteins C. Nucleoproteins D. Both a and b
2	Which is NOT related to maltose	A. 1,4- glycosidic linkage B. Formed by 2 glucose monomers C. Formed as an intermediate product during digestion of starch D. Beta D glucose
3	Haemoglobin has	A. Primary structure B. Secondary structure C. Tertiary structure D. Quaternary structure
4	The disaccharide found only in mammalian milk, which is main source of energy for infant of mammals is.	A. Lactose B. Cane sugar C. Agar D. Cane sugar
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	Which one of the following proteins can be crystallized.	A. Fibrin B. Keratin C. Antibody D. Collagen
7	A patient with a clotting disorder likely has a deficiency in .	A. Fibrinogen B. Hemoglobin C. Insulin D. Albumin
8	They honey bees use to make hexagonal chambers of their combs, by producing.	A. Waxes B. Acylglycerol C. Phospholipids D. Terpenoids
9	The most abundant organic biomolecules in cells are.	A. Proteins B. Lipids C. Nucleic acids D. Carbohydrates
10	Glycoproteins are formed by the linkage of.	A. Protein and lipid B. Protein and carbohydrate C. Two nucleic acids D. RNA and histone
11	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
12	Which characteristics of water molecules is responsible for most of the unique properties of water.	A. Small in size B. Stick together C. Held together by covalent bonds D. Can easily separate from one another
13	Proteins, nucleic acids and lipids make.....of the dry mass of living organisms.	A. 78% B. 93% C. 50% D. 7%
14	Which group is found in all fatty acids.	A. COOH B. SO ₄ C. PO ₄ D. C-N

15	Number of hydrogen bonds between G and C in a DNA helix are	A. 2 B. 3 C. 4 D. 5
16	Blood ferritin levels are measured in patients as diagnostic tool of most likely	A. Anemia B. Thalassemia C. Arthritis D. Polycythemia
17	The amount of DNA in mitochondria and chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
18	During photosynthesis, when reduction of CO ₂ occurs, the resulting sugar molecule contains carbon, hydrogen and oxygen in molar ratio.	A. 1:2:1 B. 1:4:1 C. 2:1:2 D. 3:6:8
19	The term "Protein" was coined by	A. J. Berzelius B. F. Sanger C. Watson and Crick D. Meselson
20	Compared to amylose, amylopectin is digested at faster rate because.	A. Branch structure provides more attack points B. It lacks hydrogen bonds C. It contains nitrogen containing group D. Both a and b