

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
2	Chitin differs from cellulose in having.	A. Alpha (1-4) linkages B. Nitrogen-containing groups C. Branched glucose chain D. Ether linkage
3	Lipids transport which of the following vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6
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 statement about prostaglandins is FALSE.	A. They control blood vessels diameter B. Involved in inflammatory response C. Derivate of fatty acids D. Stored in large quantities
7	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
8	A nucleoside consists of.	A. Nitrogenous base + Phosphate B. Nitrogenous base + Pentose sugar C. Pentose sugar+ Phosphate D. Nitrogenous base + Pentose Sugar+ Phosphate
9	The program in DNA that directs cellular activities is stored in.	A. Genes B. Ribosomal proteins C. Phosphodiester bond D. Hydrogen bond
10	What is the primary role of antibodies.	A. Transport CO ₂ B. Catalyze metabolic reactions C. Store iron D. Neutralize antigen
11	Which class of biomolecules is formed by hydrophobic interactions.	A. Lipoproteins B. Glycolipids C. Glycoproteins D. Globular proteins
12	Lipids are insoluble in water due to their.	A. Non-polar nature B. High energy C. Ionic bonds D. Presence of polysaccharides
13	Chitin differs from cellulose in having	A. Alpha (1-4) linkages B. Nitrogen-containing groups C. Branched glucose chain D. Ether linkage
14	ATP is structure a	A. Disaccharide B. Nucleotide C. Steroid D. Protein

		D. Dipeptide
15	A patient with a clotting disorder likely has a deficiency in .	A. Fibrinogen B. Hemoglobin C. Insulin D. Albumin
16	Which pentose sugar is present in RNA but not in DNA.	A. Ribose B. Deoxyribose C. Ribulose D. Glucose
17	The primary energy storage molecule is glucose, and the number of CH-bonds in it are	A. 6 B. 6 C. 7 D. 4
18	Blood ferritin levels are measured in patients as diagnostic tool of most likely	A. Anemia B. Thalassemia C. Arthritis D. Polycythemia
19	Which group of amino acid is responsible for its identity and unique chemical properties.	A. R-group B. COOH group C. NH ₂ group D. All of above
20	A student of science working in lab mixes ethanol in an acetic acid, most like the compound formed will be.	A. Ester B. Polypeptide C. Diethyl ether D. Terpene