

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. Derivative 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 structured a	A. Disaccharide B. Nucleotide C. Steroid D. Polysaccharide

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 srogage molecule is glucose, and the numebr of CH-bonds in it are
A. 6
B. 6
C. 7
D. 4

18 Blood ferritin levels are meaasured in patients as diagnoststic tool of most likely
A. Anemia
B. Thalassemia
C. Arthritis
D. Polycythemia

19 Which group of amino acid sresponsiblefor its identity and unique chemicla properties.
A. R-group
B. COOH group
C. NH2 group
D. All of above

20 A student of sciene working in lab mixes ethanol in an acetic acid,most like the compound formed will be.
A. Ester
B. Plypeptide
C. Diethyl ether
D. Terpene
