

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Compared to amylose, amylopectin is digested at faster rate because.	<p>A. Branch structure provides more attack points</p> <p>B. It lacks hydrogen bonds</p> <p>C. It contains nitrogen containing group</p> <p>D. Both a and b</p>
2	Which one is the largest carbohydrate	<p>A. Cellulose</p> <p>B. Ribose</p> <p>C. Glyceraldehyde</p> <p>D. Glucose</p>
3	Glucose molecule having OH group upper above side is termed as. on	<p>A. Alpha D-glucose</p> <p>B. Beta D -glucose</p> <p>C. Charli D glucose</p> <p>D. Gamma D glucose</p>
4	Which bond have stored energy and known as potential source of energy	<p>A. C-H Bond</p> <p>B. C-N bond</p> <p>C. C-O bond</p> <p>D. C-C bond</p>
5	The back bone of nucleic acids is formed by	<p>A. Sugar + phosphates</p> <p>B. Nitrogenous base</p> <p>C. Fatty acids</p> <p>D. Proteins</p>
6	Clover leaf structure is the characteristics of	<p>A. tRNA</p> <p>B. mRNA</p> <p>C. r RNA</p> <p>D. DNA</p>
7	What compound would be manufactured difficultly when soil has a shortage of phosphorus.	<p>A. Proteins</p> <p>B. DNA</p> <p>C. Fatty acids</p> <p>D. Cellulose</p>
8	Fibrous proteins are characterized by	<p>A. spherical shape and solubility in water</p> <p>B. Tertiary structure and enzymatic actions</p> <p>C. Fibrillar shape and structural roles</p> <p>D. Globular form and hormone production</p>
9	A patient with a clotting disorder likely has a deficiency in .	<p>A. Fibrinogen</p> <p>B. Hemoglobin</p> <p>C. Insulin</p> <p>D. Albumin</p>
10	The most abundant organic biomolecules in cells are.	<p>A. Nucleic acids</p> <p>B. Proteins</p> <p>C. Lipids</p> <p>D. Carbohydrates</p>
11	The bond which helps in maintaining the structure of large molecules the proteins, nucleic acids, as well as DNA replication is.	<p>A. Hydrophobic interaction</p> <p>B. Hydrogen bond</p> <p>C. Hydrophilic interaction</p> <p>D. Ionic bond</p>
12	Sickle cell hemoglobin valine takes the place of.	<p>A. Glutamic acid</p> <p>B. Glutamine</p> <p>C. Aspartic acid</p> <p>D. Phenylalanine</p>
13	Cellulose is not digested by humans because.	<p>A. It lacks glycosidic bonds</p> <p>B. Human amylase cannot hydrolyze beta (1-4) linkages</p> <p>C. It contains nitrogen containing group</p> <p>D. It is very hard to eat</p>
14	When oil is dropped into water, oil is excluded from water forming strong associations among	<p>A. Hydrophobic exclusion</p> <p>B. Hydrophobic interaction</p>

	themselves, this phenomenon is called.	C. Hydrogen bonding D. Hydrophilic interaction
15	Starch coils into helices, while cellulose forms straight chains, due to differences in.	A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containing groups
16	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostaglandins D. Phospholipids
17	Lipids transport which of the following vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6
18	The type of conjugated molecules involved in the regulation of gene expression are.	A. Nucleoproteins B. Glycoprotein C. Nucleosomes D. Both a and c
19	The most abundant organic biomolecules in cells are.	A. Proteins B. Lipids C. Nucleic acids D. Carbohydrates
20	Starch coils into helices, while cellulose forms straight chains, due to differences in.	A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containing groups