

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Chitin differs from cellulose in having	A. Alpha (1-4) linkages B. Nitrogen -containing groups C. Brached glucose chian D. Ether linkage
2	During photosynthesis, when reducton 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
3	Water's high heat capacity benefits living tissues by	A. Provinding protection against sudden thermal changes B. Preventing ionization C. Making emollient sensation D. Providing cooling effect
4	Chitin differs from cellulose in having.	A. Alpha (1-4) linkanges B. Nitrogen -contaiing groups C. Branched glucose chain D. Ether linkage
5	The perecentage of water which makes the living mass of living organism is at least.	A. 60% B. 70% C. 80% D. 90%
6	Starch coils into helices, while cellulose forms straight chains, due to differences in.	A. Glycosdic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containig groups
7	The common steroid, that is a part of animal cell emembranes is	A. Cholesterol B. Testosterone C. Prostaglandin D. Androgens
8	The bond which maintains secorndary structure of a protein is.	A. Hydrophobic interaction B. Ionic bond C. Hydrophilic interaction D. Hydrogen bond
9	Glucose molecule having OH groupupper abvoe side is termed as. on	A. Alpha D-glucose B. Beta D -glucose C. Charli D glucose D. Gamma D glucose
10	Which typeof RNACarries the genetic message from DNA to ribosomes.	A. tRNA B. rRNA C. mRNA D. dRNA
11	The program in DNA that directs cellular activities is stored in.	A. Genes B. Ribosomal protiens C. Phosphodiester bond D. Hydrogen bond
12	Blood ferritin levels are meaasured in patients as diagnotstic tool of most likely	A. Anemia B. Thalassemia C. Arthritis D. Polycythemia
13	When oil is dropped into water , oil is ecluded from water forming strong associations among themeslees,this phenomenon is called.	A. Hydrophobic exclusion B. Hydrophobic interaction C. Hydrogen bonding D. Hydrophilic interaction
14	Which bond have 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
15	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. Ether

		D. Terpene
16	Basic knowledge of biochemistry helps to understand anatomy and.....	A. Physiology B. Morphology C. Parasitology D. Pathology
17	Cellulose is not digested by humans because.	A. It lacks glycosidic bonds B. Human amylase cannot hydrolyze beta (1-4) linkages C. It contains nitrogen containing group D. It is very hard to eat
18	The straight chains of cellulose are linked together by.....to form cellulose microfibrils.	A. Covalent bond B. Hydrogen bond C. Ionic bond D. Peptide bond
19	When organisms have to store glucose for longer periods, they usually convert it into	A. Glycerol B. Dipeptides C. Disaccharides D. Polysaccharides
20	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