

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	Casein is an example of protein that	A. Transports electrons B. Stores Ca^{++} and K^{+} C. Provides energy D. Helps in transport of O_2
2	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
3	Proteins,nucleic acids and lipids make.....of the dry mass of living organisms.	A. 78% B. 93% C. 50% D. 7%
4	Blood ferritin levels are meaasured in patients as diagnotstic tool of most likely	A. Anemia B. Thalassemia C. Arthritis D. Polycythemia
5	Which one of the following amino acid is not synthesized by our bodies	A. Alanine B. Proline C. Histidine D. Glutamine
6	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostaglandins D. Phospholipids
7	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
8	Which of the following is the most familiar disaccharide.	A. Maltose B. Sucrose C. Lactose D. Both a and c
9	The primary energy storage molecule is glucose, and the number of C-H bonds in it are	A. 6 B. 6 C. 7 D. 4
10	Starch coils into helices,while cellulose form straight chains, due to difference in.	A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containing groups
11	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
12	The total number of different type of amino acids that have been reported to occur in living organisms is.	A. 25 B. 20 C. 170 D. 300
13	A nucleoside consists of.	A. Nitrogenous base + Phosphate B. Nitrogenous base + Pentose sugar C. Pentose sugar+ Phosphate D. Nitrogenous base + Pentose Sugar+ Phosphate
14	Lipids transport which of the following vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6

15	Ice floating protects aquatic ecosystems by	A. Forming a insulating layer that traps heat B. Making compartments in sea C. Reflecting sunlight D. Evaporation prevention
16	Number of peptide bonds in tetrapeptide are.	A. 1 B. 2 C. 3 D. 4
17	The amount of DNA in mitochondria and chloroplast is	A. 2% B. 23% C. 4.1% D. 6.1%
18	When oil is dropped into water , oil is excluded from water forming strong associations among themselves, this phenomenon is called.	A. Hydrophobic exclusion B. Hydrophobic interaction C. Hydrogen bonding D. Hydrophilic interaction
19	The bond which maintains secondary structure of a protein is.	A. Hydrophobic interaction B. Ionic bond C. Hydrophilic interaction D. Hydrogen bond
20	Clover leaf structure is the characteristic of	A. tRNA B. mRNA C. rRNA D. DNA