

Biology Fsc Part 1 Chapter 4 Online Test

Sr	Questions	Answers Choice
1	The specific heat of vaporization of water is.	A. 570 Kcal/kg B. 374cal /moles C. 574 Kcal/kg D. 717.6 kcal/gram
2	Which one of the following is not a part of waxes.	A. Glycerol B. Long chain alkanes C. Ketones D. Long chain fatty acids
3	Molecule consisting of many identical molecular units is called.	A. Monomer B. Polymer C. Enantiomer D. Isomer
4	A researcher discovers a protein that changes shape when the pH drops below 6.5. This protein is most likely.	A. Fibrous protein B. Actin and myosin C. Collagen D. Globular protein
5	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
6	Number of hydrogen bonds between G and C in a DNA helix are	A. 2 B. 3 C. 4 D. 5
7	Lipids transport which of the following vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6
8	Which one of the following proteins can be crystallized.	A. Fibrin B. Keratin C. Antibody D. Collagen
9	At room temperature in a litre of water, out of 550 million water molecules, only.....gets ionized.	A. 100 molecules B. 10,000 molecules C. 550 million molecules D. Only 1 molecule
10	Which group is found in all fatty acids.	A. COOH B. SO ₄ C. PO ₄ D. C-N
11	Atom that shares its electron with another atom is most likely to be formed between them. What type of chemical bond is it?	A. Ionic B. Covalent C. Hydrogen D. Hydrophobic interaction
12	Starch coils into helices, while cellulose forms straight chains, due to difference in.	A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n-containing groups
13	Modified form of cellulose is called.	A. Pectin B. Chitin C. Agar D. Dextrin
14	Fibrous proteins are characterized by	A. spherical shape and solubility in water B. Tertiary structure and enzymatic actions C. Fibrillar shape and structural roles D. Globular form and hormone production
		A. J. Berzelius

15	The term "Protein" was coined by	B. F. Sanger C. Watson and crick D. Meselson
16	The total number of different type sof amino acids that have been reported to occur in living organisms is.	A. 25 B. 20 C. 170 D. 300
17	Non -polar molecules tend to cluster together in aqueous environments to minimize contact with water molecules. This phenomenon is termed as.	A. Hydrophobic internation B. Hydrogen bonding C. Hydrophiclic interaction D. Condensation
18	Water's high heat capacity benefits livng tissues by	A. Provinding protection against sudden thermal changes B. Preventing ionization C. Making emollient sensation D. Providing cooling effect
19	The tail of phospholips faces inwards in a cell memebrane because it is.	A. Hydrophobic B. Hydrophilic C. Contains glycerol D. Have positive charge
20	The type of metabolic reactions in which simpler substances are combined to form complex substance are called	A. Anabolic reactions B. Catabolic reactions C. Redox reactions D. Hydrolytic reactions