

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	At room temperatue 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
3	Which of the followig is a purine base.	A. Cytosine B. Uracil C. Adenine D. Thymine
4	The total number of differente type sof amino acids that have been reported to occur in living organisms is.	A. 25 B. 20 C. 170 D. 300
5	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
6	Lipds transport whihc of the followign vitamins.	A. Vitamin A B. Vitamin B C. Vitamin C D. Vitamin B6
7	The mine is exclusively found in	A. RNA B. DNA C. DNA and RNA D. AMP
8	A geneticist working in his lab wants to selectively allow some genes to work, he uses.....proteins to regulate particular gene action.	A. erritin B. Na-K pump C. Repressors D. Activators
9	Aresearcher discovers a protein that chagnes shape whe pH drops below 6.5. This protein is most likely.	A. Fibrous protein B. Actin and myosin C. Collagen D. Globular protein
10	To which group of lipids the human sex hormones belong.	A. Steroid B. Waxes C. Prostagladins D. Phospholipids
11	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
12	According to Watson and Crick Model " the poles" of DNA double helix are composed of.	A. Nitrogeenous bases B. Sugar +PO4 groups C. Ribouncleotides D. Hydrogen bonds
13	Haemoglobin has	A. Primary structure B. Secondary structure C. Tertirary structure D. Quaternary structure
14	Modified form of cellulose is called.	A. Chitin B. Pectin C. Agar D. Dextrin
15	Which one of the following is not a hydrophilic molecule.	A. Sugars B. Lipids C. Salts

D. Amino acids

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- 16 Actin and myosin are critical for
- A. Oxygen transport
 - B. Muscle contraction
 - C. Immune response
 - D. DNA replication
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- 17 Which one is the largest carbohydrate
- A. Cellulose
 - B. Ribose
 - C. Glyceraldehyde
 - D. Glucose
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- 18 Blood ferritin levels are measured in patients as diagnostic tool of most likely
- A. Anemia
 - B. Thalassemia
 - C. Arthritis
 - D. Polycythemia
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- 19 The most abundant organic biomolecules in cells are.
- A. Nucleic acids
 - B. Proteins
 - C. Lipids
 - D. Carbohydrates
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- 20 Which one of the following amino acid is not synthesized by our bodies
- A. Alanine
 - B. Proline
 - C. Histidine
 - D. Glutamine
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