

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	If hemoglobin's quaternary structure was disrupted what would be the immediate consequence.	<p>A. Oxygen transportation efficiency would decrease</p> <p>B. Hemoglobin would more efficiently transport gases</p> <p>C. Size of RBCs would increase</p> <p>D. Both b and c</p>
2	The movement in response to touch is called.	<p>A. Geotropism</p> <p>B. Thigmotropism</p> <p>C. Phototropism</p> <p>D. Chemotropism</p>
3	During glycolysis, glucose molecule is split into two molecules of.	<p>A. Acetyl CoA</p> <p>B. Pyruvate</p> <p>C. Phosphoenol pyruvate</p> <p>D. Ethanol pyruvate</p>
4	The viruses in which RNA genome is directly translated into proteins by the host cell's ribosomes are called.	<p>A. Positive sense RNA virus</p> <p>B. Negative sense RNA Viruses</p> <p>C. Reverse transcribing viruses</p> <p>D. All of them</p>
5	Number of peptide bonds in tetrapeptide are.	<p>A. 1</p> <p>B. 2</p> <p>C. 3</p> <p>D. 4</p>
6	Substrate molecule fits into binding site by weak chemical forces such as.	<p>A. Covalent bond</p> <p>B. Metallic Bond</p> <p>C. Ionic Bond</p> <p>D. Hydrogen bond</p>
7	Individual archaeans range from 0.1 micrometer to over.....micrometer	<p>A. 15 micrometer</p> <p>B. 10 micrometer</p> <p>C. 20 micrometer</p> <p>D. 25 micrometer</p>
8	A researcher discovers a protein that changes shape when pH drops below 6.5. This protein is most likely.	<p>A. Fibrous protein</p> <p>B. Actin and myosin</p> <p>C. Collagen</p> <p>D. Globular protein</p>
9	Which one of the following is a crustacean.	<p>A. Crayfish</p> <p>B. Wasp</p> <p>C. Spider</p> <p>D. Centipede</p>
10	The component of ECG-wave form that shows beginning of atrial depolarization is	<p>A. P-wave</p> <p>B. T-wave</p> <p>C. QRS</p> <p>D. PR-segment</p>
11	In echinoderms the calcareous endoskeleton in the form of plates called ossicles are derived from	<p>A. Mesoderm</p> <p>B. Ectoderm</p> <p>C. Endoderm</p> <p>D. pinacoderm</p>
12	The phenomenon where the products of a process control the process itself, often limiting the production of more products is called.	<p>A. Feedback activation</p> <p>B. Feed forward activation</p> <p>C. Feedback inhibition</p> <p>D. Feed forward inhibition</p>
13	Orthology differ from paralogous in	<p>A. Orthologs arise from speciation</p> <p>B. Orthologs arise from gene duplication and paralogs from</p> <p>speciation</p> <p>C. Orthologs have identical genetic sequence</p> <p>D. Both a and c</p>
14	Choose the incorrect statement about disc slip	<p>A. May be caused due to trauma</p> <p>B. May be caused due to vertebral misalignment</p>

		<p>C. Degenerative changes due to aging</p> <p>D. Result of autoimmune disorder</p>
15	The protein domains are.	<p>A. Functional and structural units within protein</p> <p>B. Secondary structural elements</p> <p>C. Linear sequences of amino acids</p> <p>D. Specific regions for post translational modification</p>
16	The human heart is felt to be on the left side of chest because.	<p>A. It is located in left side</p> <p>B. The left side of heart is stronger and larger</p> <p>C. It is located in right side</p> <p>D. It is present below the diaphragm</p>
17	Which enzyme breaks down small polypeptides into dipeptides.	<p>A. Trypsin</p> <p>B. Aminopeptidase</p> <p>C. Erypsin</p> <p>D. Pepsin</p>
18	Which of the following is incorrect about yellow marrow.	<p>A. Produce WBCs</p> <p>B. Can be converted into red marrow</p> <p>C. It is energy reserve</p> <p>D. It is present in shaft of long bones</p>
19	Which pathway occurs in CAM Plants	<p>A. C-3 pathway</p> <p>B. C-4 Pathway</p> <p>C. C-3 and C-4 Pathway</p> <p>D. C-2 Pathway</p>
20	Secretion of gastric juice is regulated by	<p>A. Visual mechanism</p> <p>B. Nervous system</p> <p>C. Hormonal mechanisms</p> <p>D. Both B and C</p>