

Biology Fsc Part 1 Online Test

| Sr | Questions | Answers Choice |
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| 1 | The database of nucleotide sequences and supporting bibliographic annotations is. | A. Gen Bank B. FASTA C. BLAST D. PDB |
| 2 | The first step in x-ray crystallography is | A. Protein crystallization B. Production of a diffraction pattern C. Creating density map D. Determination of protein structure |
| 3 | Which of the following is not a bony fish | A. Ray fish B. Trout C. Rohu D. Seahorse |
| 4 | The total number of vertebrae in an adult is | A. 56 B. 26 C. 14 D. 28 |
| 5 | The number of amino acids in a α -chain of haemoglobin | A. 140 B. 141 C. 142 D. 146 |
| 6 | Muscular tongue plays its role in selection of food through | A. Taste buds B. Muscles C. Saliva D. Ptyalin |
| 7 | Which one of the following is not a part of waxes. | A. Glycerol B. Long chain alkanes C. Ketones D. Long chain fatty acids |
| 8 | Generally, the function of a protein depends on its | A. One dimensional structure B. Two dimensional structure C. Three dimensional structure D. Four dimensional structure |
| 9 | In feedback inhibition, the final product inhibits. | A. The 1st enzyme in the pathway B. The last enzyme in the metabolic pathway C. No enzyme is inhibited in pathway D. All enzymes are inhibited in pathway |
| 10 | Viruses are not considered organisms because they | A. Are Acellular B. Cause disease C. Cannot be seen with naked eye D. Live in water |
| 11 | Tendons connect bone and | A. Muscle B. Bone C. Ligaments D. Cartilage |
| 12 | In human skeleton joints serve as and bones act as. | A. Fulcrums, rods B. Rods, load C. Levers, fulcrums, load |
| 13 | Yellow marrow | A. Fills the shafts of long bones B. Consists mostly of fat cells C. Serves as an energy reserve D. All of above |
| 14 | When does oxyhaemoglobin release oxygen. | A. When body temperature decreases B. When partial pressure of oxygen is above 100 mm Hg C. When partial pressure of oxygen is below 20 mm Hg D. When partial pressure of oxygen is equal to 20 mm Hg |

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| 15 | The cofactors which are attached with enzyme by covalent bonds are called. | A. allosteric enzyme B. Apoenzyme C. Prosthetic group D. Proenzyme |
| 16 | Phase of cell elongation is characterized by | A. Increase in cell volume due to endosmosis B. Non vacuolated cells C. Cell fully differentiated D. Each cell performs its specific functions |
| 17 | The enzymes of Calvin cycle and Krebs's cycle. | A. Present in karyoplasm B. Dispersed in cytoplasm C. Bound to membranes of their organelles D. Present in periplasmic space |
| 18 | Red marrow is found in | A. Ends of long bones B. Ribs C. Pelvis and sternum D. All of above |
| 19 | Which organelle is involved in the processing of proteins, carbohydrates and phospholipids prepared in the cell | A. Endoplasmic reticulum B. Golgi apparatus C. Ribosomes D. Leucoplast |
| 20 | The mitochondrion is exclusively found in | A. RNA B. DNA C. DNA and RNA D. AMP |