

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Non-Vacuolated, small cells, spherical nuclei in the centre of cytoplasm occurs in.	<p>A. Zone of cell division</p> <p>B. Zone of cell elongation</p> <p>C. Zone of cell maturation</p> <p>D. Zone of cell differentiation</p>
2	The most abundant organic biomolecules in cells are.	<p>A. Nucleic acids</p> <p>B. Proteins</p> <p>C. Lipids</p> <p>D. Carbohydrates</p>
3	Water molecules within xylem stick together forming an unbroken column from roots to the leaves due to.	<p>A. Cohesion</p> <p>B. Adhesion</p> <p>C. Tension</p> <p>D. Transduction</p>
4	A researcher studying COVID-19 virus would classify it as a.	<p>A. ss RNA Virus</p> <p>B. ss DNA Virus</p> <p>C. ds DNA virus</p> <p>D. ds RNA Virus</p>
5	When food is oxidized in cell, enzymes draw electrons from food molecules and transfer them to.	<p>A. Nicotinamide Adenine Dinucleotide</p> <p>B. Nicotinamide Guanine dinucleotide</p> <p>C. Nicotinamide cytosine dinucleotide</p> <p>D. Nicotinamide Thymine Dinucleotide</p>
6	The tubular nerve cord in chordates is present.	<p>A. Lateral walls of pharynx</p> <p>B. Dorsal to notochord</p> <p>C. Near the throat</p> <p>D. Ventral to reproductive system</p>
7	Which problems can arise due to improper posture.	<p>A. Vertebral misalignment</p> <p>B. Joint Strain</p> <p>C. Muscle imbalances</p> <p>D. All of above</p>
8	Compared to amylose, amylopectin is digested at faster rate because.	<p>A. Branch structure provides more attack points</p> <p>B. It lacks hydrogen bonds</p> <p>C. It contains nitrogen containing group</p> <p>D. Both a and b</p>
9	Each muscle fibre contains elongated thread like structures called myofibrils	<p>A. 4 to 20</p> <p>B. 4 to 10</p> <p>C. 2 to 4</p> <p>D. 4 to 10</p>
10	Oxidation of one molecule of NADH produces how many ATPs.	<p>A. One</p> <p>B. Two</p> <p>C. Three</p> <p>D. Four</p>
11	Thick myofilaments are about ...in diameter.	<p>A. 16 nm</p> <p>B. 1-2 micro metre</p> <p>C. 7-8 nm</p> <p>D. 1-2 nm</p>
12	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>
13	The force which plays crucial role in maintaining continuity of water column during ascent of sap is	<p>A. Adhesion</p> <p>B. Cohesion</p> <p>C. Tension</p> <p>D. Ionic bond</p>
14	The lipids in the cell membranes of bacterial and eukarya have fatty acids attached to glycerol by.....	<p>A. Ester linkage</p> <p>B. Glycosidic linkage</p> <p>C. Phosphodiester linkage</p> <p>D. Ether linkage</p>

15	Identify a compound which is lipid but have modified fats, with non polar tails attached to a 5-carbon ring.	A. Cholesterol B. Prostaglandin C. Phospholipid D. Acylglycerol
16	The adults of Echinodermata exhibitsymetry.	A. Radial B. Bilateral C. Spherical D. Both a and b
17	The excretory system of nematodes is made up of	A. Malpighian tubules B. Renette cells C. Nephridia D. Flame cells
18	Which of the following is not the area in computational biology.	A. Genomics B. Ergonomics C. Proteomics D. Bioinformatics
19	All of the following belongs to brain box	A. Vomer B. Frontal bone C. Ethmoid D. Sphenoid bone
20	Nebulization can be useful in reducing inflammation of nose to treat which disorder.	A. emphysema B. Sinusitis C. Otitis media D. Chronic Bronchitis