

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The cell of bones which are important to the growth and repair of bone are.	A. Osteocalsts B. Stem cells C. Osteogenic cells D. Osteoblasts
2	Compared to vein an artery	A. Has thinner walls B. Carries blood away from an organ C. Is located more superficially D. Has no internal valves
3	Which one of the following is a crustacean.	A. Crayfish B. Wasp C. Spider D. Centipede
4	Which of the following are produced by the reactions that occur in the thylakoid and consumed by the reactions that occur in the stroma.	A. ATP and NADPH B. CO ₂ and H ₂ O C. Glucose and O ₂ D. NADP and DP
5	A chemical that interferes and blocks an enzyme's activity is called.	A. Inhibitor B. Activator C. Accelerator D. Suppressor
6	Which nutrient is a part of ATP and plays a role in promoting root growth and favours flowering in the aerial zone is.	A. Calcium B. Magnesium C. Phosphorus D. Sulfur
7	Enzyme B requires Zn ²⁺ to catalyse the conversion of substrate X. The zinc is best identified as a .	A. Product B. Substrate C. Activator D. Coenzyme
8	In an adult about 8000 litres of blood move.....of blood vessels daily,	A. 96 km B. 960 km C. 96000 km D. 9600 km
9	If a cell is placed in a solution having high solute concentration relative to the intracellular environment of cell,, what happens after some time.	A. Swelling of cell B. Shrinking of cell C. Bursting of cell D. Cell remain unaffected
10	Sickle cell hemoglobin valine takes the place of.	A. Glutamic acid B. Glutamine C. Aspartic acid D. Phenylalanine
11	How would the absence of peroxisomes in a cell affect its metabolism, and what would be the likely symptoms.	A. The cell would be unable to carry out oxidative phosphorylation, leading to reduced ATP Production B. The cell would accumulate hydrogen peroxide, leading to oxidative stress and potential cellular damage C. The cell would have impaired protein synthesis, leading to muscle weakness D. The cell would fail to produce lipids causing membrane instability
12	Sinoatrial node is embedded in the upper wall of.....	A. Right atrium B. Right ventricle C. Left atrium D. Left ventricle
13	A condition characterized by weakened bones, bone density decreased, is most likely.	A. Osteoporosis B. Osteodystrophy C. Spondylosis D. Osteoarthritis
14	HCl is secreted by	A. Mucous cells B. Oxyntic cells C. Chief cells D. ...

		D. Zymogen cells
15	The tail of phospholipids faces inwards in a cell membrane because it is.	A. Hydrophobic B. Hydrophilic C. Contains glycerol D. Have positive charge
16	The induced fit model was modified form of lock and key model was proposed by	A. Daniel Koshland B. Daniel Standford C. Emil Fischer D. Van Neil
17	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
18	The temperature at which an enzyme works at its maximum rate is called.	A. Specific temperature B. Maximum temperature C. Optimum temperature D. Initial temperature
19	The pathway involving a system of adjacent cell walls in plant roots for the transport of sap is called.	A. Symplast B. Apoplast C. Vacuolar D. ETC
20	Emil Fischer proposed that,	A. Active site is rigid B. Active site is flexible C. Active site undergoes modification D. All of above