

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The most abundant organic biomolecules in cells are.	A. Nucleic acids B. Proteins C. Lipids D. Carbohydrates
2	Orthology differ from paraalogs in	A. Orthologs arise from speciation paralogs from gene duplication B. Orthologs arise from gene duplication and paralogs from speciation C. Orthologs have identical genetic sequence D. Both a and c
3	The plants having succulent leaves of stem grow in high concentrations of $MgSO_4$, $MgCl_2$ and NaCl are called.	A. Cacti B. Heliophiles C. Halophytes D. Heliophiles
4	The flow of blood creates rhythmic throbbing of arteries which is called.	A. pulse B. Anaphylaxis C. Blood pressure D. spurt
5	In vernalization low temperature stimulus is received by	A. Shoot apex B. Stem C. Leaves D. Root apex
6	Gastroenteritis is caused by	A. Parvoviruses B. Adenoviruses C. Rotaviruses D. Both a and C
7	The membrane of is called tonoplast.	A. Vacuole B. Nucleus C. Lysosome D. ER
8	the most common cause of spondylosis is.	A. Natural degeneration of intervertebral discs B. Aging C. Genetic factors D. Trauma
9	The swim bladder in bony fishes is used for	A. Excretion B. Digestion C. Buoyancy D. Predation
10	Individual archaeans range from 0.1 micrometer to over.....micrometer	A. 15 micrometer B. 10 micrometer C. 20 micrometer D. 25 micrometer
11	In human skeleton joints serve as and bones act as.	A. Fulcrums, rods B. Rods, load C. Fulcrums, load D. Roads, and lever
12	Closure of tricuspid and bicuspid valves produce sound.	A. Lubb B. Dubb C. First lubb the Dub D. None of these but murmurs
13	sympatric speciation differs from allopatric speciation because it.	A. Requires geographic isolation B. Is driven only by mutation rates C. Involves only small populations D. Occurs through niche differentiation or polyploidy without physical barriers
14	What is sequence homology.	A. Similarity in sequences due to shared ancestry B. 3D-structure of proteins due to

		shared ancestry C. Large scale study of proteins D. none of above
15	The excretory structures in arthropods is	A. Crop B. Gizzard C. Malpighian tubules D. Mesenteron
16	Which one is the largest carbohydrate	A. Cellulose B. Ribose C. Glyceraldehyde D. Glucose
17	If a cell is placed in a solution having high solute concentration relative to the intracellular environment of cell,, what happens after sometime.	A. Swelling of cell B. Shrinking of cell C. Busting of cell D. Cell remain unaffected
18	Which of the following correctly describes the sclerenchyma tissue.	A. Provides support to herbaceous plants B. Primary walls thickened at corners C. Thick secondary cell walls,saturated with lignin D. Both a and b
19	Mark the disaccharide	A. Cellobiose B. Chitin C. Mannose D. Cellulose
20	Secretion of gastric juice is regulated by	A. Visual mechanism B. Nervous system C. Hormonal mechanisms D. Both b and C