

Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	Which enzyme class is responsible for catalysing the addition of water to a substrate molecule.	A. Isomerase B. Lyase C. Hydrolase D. Ligase
2	The swim bladder in bony fishes is used for	A. Excretion B. Digestion C. Buoyancy D. Predation
3	Radula or rasping tongue in molluscs is primarily used for	A. Feeding B. Locomotion C. Filtering D. Excretion
4	Myoglobin provides oxygen to.	A. Lymph B. Muscles C. Blood D. Water
5	Which one of the following arthropods respire through tracheal tubes.	A. Prawn B. Crab C. Spider D. Lobster
6	The vessels which bring oxygenated blood from lungs to the heart are.	A. Pulmonary veins B. Pulmonary arteries C. Thoracic duct D. Pulmonary capillaries
7	Cellulose is not digested by humans because.	A. It lacks glycosidic bonds B. It contains nitrogen containing group C. It is very hard to eat D. Human amylase cannot hydrolyze Beta (1-4) linkages
8	In substrate level phosphorylation ATP is produced by	A. Enzyme B. Chemiosmosis C. Reduction D. Oxidation
9	The central atom of chlorophyll molecule is.	A. Ca ⁺⁺ B. N ⁺ C. Mg ⁺⁺ D. Fe ⁺²
10	Growth of bacteria and viruses in the middle ear leads to which disorder	A. Otitis media B. Pulmonary tuberculosis C. Pneumonia D. Sinusitis
11	Who suggested that there are three separate groups of prokaryotes.	A. Carl Woese B. F. Sanger C. Robert Whittaker D. Frederick Meischer
12	Phloem tissue comprises of	A. Companion cells B. Sieve elements C. Phloem fibres D. All of above
13	Oaks, maples and roses are adapted to prevent ice crystal formation by	A. Heat shock proteins B. Changing solute composition of cells C. Increasing proportion of unsaturated fatty acids D. Evaporation
14	Evaporation of 2 ml of water out of 1 litre lowers the temperature of remaining 998 ml water by	A. 1 °C B. 2 °C C. 3 °C D. 4 °C
		A. Prostaglandin inhibitor

15	The reason behind Aspirin's ability to reduce inflammation, pain and fever is that it is a.	B. Prostaglandin activator C. Prostaglandin co factor D. Both b and c
16	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
17	The GI tract is a continuous tube that extends from	A. Mouth to Anus B. Mouth to Stomach C. Mouth to Rectum D. Mouth to large intestine
18	Excretion in molluscs is carried out by	A. Malpighian tubules B. Protonephridia C. Nephridia D. Flame cells
19	The cytoplasmic strands that extend through pores in adjacent cell walls of plants are.	A. Plasmodesmata B. Stomata C. Lenticles D. All of the above
20	Having limited repair ability no direct blood vessels the most likely it is.	A. Cartilage B. Adipose tissue C. Liver D. Bone