

## Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The tissue responsible for providing the force that pushes substances such as blood and food through the body is.	A. Nervous tissue B. Muscle tissue C. Adipose tissue D. Connective tissue
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	At room temperature in a litre of water, out of 550 million water molecules, only.....gets ionized.	A. 100 molecules B. 10,000 molecules C. 550 million molecules D. Only 1 molecule
4	Food moves down through the oesophagus to the stomach by	A. Peristalsis B. Gravity C. Homeostasis D. Antiperistalsis
5	The percentage of water which makes the living mass of living organism is at least.	A. 60% B. 70% C. 80% D. 90%
6	During aerobic respiration glucose is completely oxidized into	A. CO <sub>2</sub> + H <sub>2</sub> O B. Pyruvate +H <sub>2</sub> O C. Alcohol +CO <sub>2</sub> D. Lactic acid+CO <sub>2</sub>
7	Which one of the following arthropod respire through tracheal tubes.	A. Prawn B. Crab C. Spider D. Lobster
8	The study of muscles is called.	A. Mycology B. Myology C. Algology D. Phycology
9	Which domain of life is characterized by organisms that often inhabit extreme environments and have cell membranes with ether linked lipids.	A. Archaea B. Bacteria C. Eukarya D. Protista
10	Glycoproteins are formed by the linkage of.	A. Protein and lipid B. Protein and carbohydrate C. Two nucleic acids D. RNA and histone
11	Which of the following is NOT a characteristic of nematodes.	A. Closed circulatory system B. Unsegmented body C. Complete digestive system D. Pseudocoelom
12	Phloem tissue comprises of	A. Companion cells B. Sieve elements C. Phloem fibres D. All of above
13	Through which structure does most of transpiration occur.	A. Stomata B. Phloem C. Root hairs D. Xylem
14	How many oxygen molecules can attach with a haemoglobin molecule.	A. 2 B. 3 C. 4 D. 5
15	The mantle in molluscs secretes the following structure.	A. Gills B. Foot C. Shell D. Radula

16	Starch coils into helices, while cellulose forms straight chains, due to difference in.	<p>A. Glycosidic bond orientation B. Hydrogen bond number C. Isomerization D. Presence of n -containing groups</p>
17	Source of O <sub>2</sub> during process of photosynthesis is.	<p>A. H<sub>2</sub>O B. Light C. CO<sub>2</sub> D. Glucose</p>
18	Small cluster of cardiac muscle cells, located at the lower portion of interatrial septum is.	<p>A. AV node B. SA node C. Bundle of His D. Purkinje fibres</p>
19	Which statement describes cork cambium	<p>A. Formed in the outer layers of stem and roots B. Produce cork cells and bark C. Present at the tips of roots D. Both a and b</p>
20	The leaves of some hydrophytes float on the surface of water, in such a leaf stomata are found in	<p>A. Lower epidermis B. Upper epidermis C. Sides of leaf D. Deep depressions in leaf</p>