

## Biology Fsc Part 1 Online Test

Sr	Questions	Answers Choice
1	The membrane of .....is called tonoplast.	A. Vacuole B. Nucleus C. Lysosome D. ER
2	In chlorophyll-a , the second pyrrole ring has	A. CH <sub>3</sub> group B. CHO group C. NH <sub>2</sub> Group D. COOH group
3	The archaeans which form aggregates or filaments.....in length.	A. 125 micrometer B. 200 micrometer C. -100 micro meter D. 150 micrometer
4	If hemoglobin's quaternary structure was disrupted what would be the immediate consequence.	A. Oxygen transportation efficiency would decrease B. Hemoglobin would more efficiently transport gases C. Size of RBCs would increase D. Both b and c
5	The viruses in which RNA genome is directly translated into proteins by the host cell's ribosomes are called.	A. Positive sense RNA virus B. Negative sense RNA Viruses C. Reverse transcribing viruses D. All of them
6	Lipids are insoluble in water due to their.	A. Non-polar nature B. High energy C. Ionic bonds D. Presence of polysaccharides
7	The type of cartilage which is found in areas of the body that experience high stress and tension is	A. Fibro cartilage B. Hyaline cartilage C. Elastic cartilage D. Both b and c
8	Enzymes speed up chemical reactions by lowering.	A. Ionization energy B. Activation energy C. Hydration energy D. Bond energy
9	The optimum temperature for human enzymes is.	A. 37.0 °C B. 37.8 °C C. 36.1 °C D. 36.5 °C
10	Cyclic photophosphorylation when Calvin cycle slows down and	A. NADPH accumulation B. ATP accumulation C. NADPH deficiency D. Nitrogen deficiency
11	The sphincters that regulate the amount of blood flowing through capillaries are.	A. Pre capillary sphincters B. Post capillary sphincters C. Intercapillary sphincters D. Intra capillary sphincters
12	The enzymes which remove or add H <sup>+</sup> ions or electrons from substrates are called.	A. Isomerases B. Oxidoreductases C. Lyases D. Transferases
13	Involuntary muscle contractions of spasm due to increased muscle tone and hyperexcitability of the nerves characterize.	A. Tetany B. Tetanus C. Cramps D. epilepsy
14	The concentration of water in different organisms, varies from	A. 65 to 89% B. 40- 89% C. 80- 90% D. 50- 60%
15	When the co factor is a non protein organic molecule and is loosely attached with enzyme it is called.	A. Allosteric enzyme B. Co enzyme C. Prosthetic group

D. Zymogen

16 Which of the following statements does not apply to the nuclear envelope

- A. It is a double membrane
- B. It is continuous with the endoplasmic reticulum
- C. It has pores through which material enters and leaves
- D. It has infoldings to form cristae

17 Photorespiration occurs in green cells in

- A. Absence of light
- B. Presence of light
- C. Presence of water
- D. Presence of light CO<sub>2</sub>

18 Which movement results in the mixing of digestive secretion with food.

- A. Peristalsis
- B. Segmentation
- C. Fragmentation
- D. Hydration

19 The phases of primary growth in plants includes

- A. Cell division
- B. Cell elongation
- C. Cell differentiation
- D. All of above

20 Choose the incorrect statement about disc slip

- A. May be caused due to trauma
- B. May be caused due to vertebral misalignment
- C. Degenerative changes due to ageing
- D. Result of autoimmune disorder