

## Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Which of these is CO <sub>2</sub> acceptor during photosynthesis.	A. Ribulose biphosphate B. Malic Acid C. Oxaloacetic acid D. Phosphoglyceric acid
2	During electron transport chain the electrons from reduced coenzymes are finally transferred to.	A. Oxygen B. Cytochrome a C. Cytochrome -c D. Cytochrome- a3
3	Which of the following takes the electrons lost by Photosystem 1 on absorption of light energy.	A. Ferredoxin B. Cytochrome C. Cytochrome a-3 D. Plastocyanin
4	Enzymes of glycolysis are	A. Present on cristae of mitochondria B. Thylakoid of chloroplast C. Dissolved in cytoplasm D. Dissolved in stroma
5	The entry of CO <sub>2</sub> into the leaves is dependent upon	A. Opening of Stomata B. External humidity C. Water availability D. Intensity of light
6	Which process occurs in muscle cells of humans during extreme physical activities and insufficient oxygen	A. Alcoholic fermentation B. Aerobic respiration C. Lactic acid fermentation D. Photophosphorylation
7	The central atom of chlorophyll molecule is.	A. Ca <sup>++</sup> B. N <sup>+</sup> C. Mg <sup>++</sup> D. Fe <sup>+2</sup>
8	At which movement there is no net gas exchange between leaves and atmosphere.	A. Saturation period B. Compensation point C. End point D. Starting point
9	In which of the following conversions, ATP is produced.	A. alpha ketoglutaric acid into succinyl CoA B. Succinyl CoA into succinic acid C. Succinic acid into fumaric acid D. Fumaric acid into malic acid
10	Cells get energy from which process of food	A. Digestion B. Respiration C. Oxidation D. Excretion
11	CAM metabolism is present in	A. Cacti B. Mango C. Rose D. Mustard
12	A molecule of chlorophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophilic tail C. Oxidative tail D. Reductive tail
13	First stable compound of Krebs cycle is.	A. Citric acid B. Ketoglutaric acid C. a succinic acid D. Fumaric acid
14	How many molecules of ATP are generated during Krebs cycle.	A. One B. Nine C. Three D. Two
15	Light independent reactions take place in the	A. Stroma of chloroplast B. Matrix of mitochondria C. Lumen of Golgi apparatus D. Endoplasmic reticulum

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16	During chemiosmosis which structures coupled the redox reaction with synthesis of ATP	A. Thylakoid membrane B. Cell membrane C. F1-Particles D. Cristae
17	What is true for dark reactions.	A. Can occur only in dark B. Can occur in presence as well as in absence of light C. Can occur only in the presence of light D. Can occur in chloroplast as well as in mitochondria.
18	Nearly all the energy used by living organisms on earth comes from	A. photosynthesis B. Respiration C. Alcoholic Fermentation D. Lactic acid fermentation
19	In electron transport chain, FADH <sub>2</sub> :H <sup>+</sup> produces how many ATPs?	A. One B. Two C. Three D. Four
20	Which is the energy currency of cell	A. Water B. Fat C. ATP D. Glucose

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