

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	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
2	ATPs are reproduced through the process of.	A. Chemiosmosis B. Reverse osmosis C. Photolysis D. Analysis
3	Head of chlorophyll molecule is made of	A. Porphyrin ring B. Carbon ring C. Nitrogen ring D. Hydrocarbon ring
4	Enzymes of glycolysis are	A. Present on cristae of mitochondria B. Thylakoid of chloroplast C. Dissolved in cytoplasm D. Dissolved in stroma
5	When deprived of oxygen, yeast cells obtain energy by fermentation, producing CO ₂ , ATP and	A. Ethyl alcohol B. Acetyl CoA C. Lactic Acid D. Pyruvic Acid
6	As a result of anaerobic respiration one glucose molecule yields only two ATPs which equals to about how much of energy present in it.	A. 2% B. 4% C. 6% D. 8%
7	CAM metabolism is present in	A. Cacti B. Mango C. Rose D. Mustard
8	Which is not essential of glycolysis.	A. Oxygen B. Enzymes C. Glucose D. Aerobic condition
9	First stable compound of Krebs cycle is.	A. Citric acid B. Ketoglutaric acid C. a succinic acid D. Fumaric acid
10	Photosystem I has which chlorophyll-a molecule in its reaction centre	A. p 700 B. p 600 C. p 650 D. p750
11	A molecule of chlorophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophilic tail C. Oxidative tail D. Reductive tail
12	Source of O ₂ during process of photosynthesis is.	A. H₂O B. Light C. CO ₂ D. Glucose
13	There is no production of NADPH and oxygen during.	A. Non cyclic photophosphorylation B. Cyclic photophosphorylation C. Oxidative phosphorylation D. Oxidation and reduction
14	In which of glycolysis Glucose is converted into Glucose-6-PO ₄	A. 1st Step B. 2nd Step C. 3rd Step D. 4th Step
15	What is not true for non-cyclic photophosphorylation.	A. Only ATPs are produced B. PS-I and PS-II participate C. Two electron chains are involved D. Both ATP and NADPH

		D. Both ATP and NADPH are produced
16	Light independent reactions take place in the	A. Stroma of chloroplast B. Matrix of mitochondria C. Lumen of Golgi apparatus D. Granum of thylakoids
17	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. Photophorylation
18	Which process is common both in photosynthesis and respiration	A. Electron transport chain and chemiosmosis B. Glycolysis C. Pyruvic acid oxidation D. Krebs cycle
19	A graph showing different wavelengths absorbed by a pigment is called.	A. Active spectrum B. Absorption spectrum C. Broad spectrum D. Narrow spectrum
20	The energy of 2 ATPs is equivalent to.	A. 14.6 Kcal B. 10.6 Kcal C. 25.6 Kcal D. 34.6 Kcal