

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Which process is common both in photosynthesis and respiration	A. Electron transport chain and chemiosmosis B. Glycolysis C. Pyruvic acid oxidation D. Krebs cycle
2	Cyclic photophosphorylation when Calvin cycle slows down and	A. NADPH accumulation B. ATP accumulation C. NADPH deficiency D. Nitrogen deficiency
3	Porphyrin ring of chlorophyll molecule consists of how many pyrrole rings.	A. 1 B. 2 C. 4 D. 5
4	What main process occurs during the dark reaction of photosynthesis.	A. Release of oxygen B. Energy absorption by chlorophyll C. Adding of hydrogen to CO ₂ D. Formation of ATP
5	Enzymes of glycolysis are	A. Present on cristae of mitochondria B. Thylakoid of chloroplast C. Dissolved in cytoplasm D. Dissolved in stroma
6	Photorespiration involves mitochondria chloroplast and.	A. Peroxisomes B. Lysosomes C. Glyoxisomes D. Ribosomes
7	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
8	A molecule of chlorophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophilic tail C. Oxidative tail D. Reductive tail
9	Each photosystem consists of a light gathering	A. Grana complex B. Antenna complex C. Chloroplast complex D. Cytochrome complex
10	Photosystem-II makes up the electrons lost due to light excitation by taking up the electrons released from.	A. Photolysis of water B. Ferredoxin C. NADPH :H ⁺ D. Plastocyanin
11	What serves as reducing power for the reduction of CO ₂ to form sugar	A. NADPH B. FADH ₂ C. NADP D. FAD
12	First stable compound of Krebs cycle is.	A. Citric acid B. Ketoglutaric acid C. a succinic acid D. Fumaric acid
13	Pyruvic acid can also be turned back into glucose by reversing glycolysis. the process called as.	A. Reverse glycolysis B. Gluconeogenesis C. Reverse osmosis D. Lactic acidosis
14	Almost all cells in all organisms use it as energy source.	A. Glucose B. Starch C. Protein D. Vitamin
15	During glycolysis, glucose molecule is split into two molecules of.	A. Acetyl CoA B. Pyruvate C. Phosphoenol pyruvate

		D. Ethanol pyruvate
16	Cells get energy from which process of food	A. Digestion B. Respiration C. Oxidation D. Excretion
17	The light dependent reaction take place on	A. Thylakoid membrane B. Cristae C. FI -Particles D. Stroma
18	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
19	Light independent reactions occur in.	A. Stroma B. Granum C. Thylakoid D. Matrix
20	Which of the followng are produced by the reactions that occur in the thylakoid and consumed by the reactions that occur in the stroma.	A. ATP and NADPH B. CO ₂ and H ₂ O C. Glucose and O ₂ D. NADP and DP