

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	In chlorophyll-a , the second pyrrole ring has	A. CH ₃ group B. CHO group C. NH ₂ Group D. COOH group
2	CAM metabolism is present in	A. Cacti B. Mango C. Rose D. Mustard
3	Cyclic photophosphorylation when Calvin cycle slows down and	A. NADPH accumulation B. ATP accumulation C. NADPH deficiency D. Nitrogen deficiency
4	Nearly all the energy used by living organisms on earth comes from	A. photosynthesis B. Respiration C. Alcoholic Fermentation D. Lactic acid fermentation
5	Each photosystem consists of a light gathering	A. Grana complex B. Antenna complex C. Chloroplast complex D. Cytochrome complex
6	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
7	Which of these is CO ₂ acceptor during photosynthesis.	A. Ribulose biphosphate B. Malic Acid C. Oxaloacetic acid D. Phosphoglyceric acid
8	Chlorophyll is what type of molecule	A. Lipids B. Protein C. Vitamin D. Carbohydrate
9	Which is not part of light dependent reactions of photosynthesis.	A. Absorption of light energy B. Oxidative phosphorylation C. Photophosphorylation D. Excitation of electrons
10	Which is the energy currency of cell	A. Water B. Fat C. ATP D. Glucose
11	In yeast during alcoholic fermentation pyruvic acid is further broken down into alcohol and	A. O ₂ B. CO ₂ C. NH ₂ D. NH ₃
12	Photorespiration occurs in green cells in	A. Absences of light B. Presence of light C. Presence of water D. Presence of light CO ₂
13	In electron transport chain, FADH :H produces how many ATPs?	A. One B. Two C. Three D. Four
14	Which is not essential of glycolysis.	A. Oxygen B. Enzymes C. Glucose D. Aerobic condition
15	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

16	Photosystems of photosynthesis pigments are embedded in.	A. Lamella B. Stroma C. thylakoid D. Cristae
17	The light dependent reaction take place on	A. Thylakoid membrane B. Cristae C. FI -Particles D. Stroma
18	calvin cycle is also known as.	A. C-3 Pathway B. C-2 Pathway C. C-5 Pathway D. C-6 Pathway
19	Phycobilins are accessory pigments found in.	A. Plants B. Cyanobacteria C. Bacteria D. Fungi
20	What serves as reducing power for the reduction of CO ₂ to form sugar	A. NADPH B. FADH ₂ C. NADP D. FAD
