

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	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
2	In substrate level phosphorylation ATP is produced by	A. Enzyme B. Chemiosmosis C. Reduction D. Oxidation
3	Which is not essential of glycolysis.	A. Oxygen B. Enzymes C. Glucose D. Aerobic condition
4	CAM metabolism is present in	A. Cacti B. Mango C. Rose D. Mustard
5	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
6	Photorespiration occurs in green cells in	A. Absence of light B. Presence of light C. Presence of water D. Presence of light CO ₂
7	Carotenoids absorb light energy in which regions.	A. Blue Green B. Yellow Green C. Yellow red D. Red green
8	Calvin cycle is also known as.	A. C-3 Pathway B. C-2 Pathway C. C-5 Pathway D. C-6 Pathway
9	Almost all cells in all organisms use it as energy source.	A. Glucose B. Starch C. Protein D. Vitamin
10	There is no production of NADPH and oxygen during.	A. Non cyclic photophosphorylation B. Cyclic photophosphorylation C. Oxidative phosphorylation D. Oxidation and reduction
11	Each photosystem consists of a light gathering	A. Grana complex B. Antenna complex C. Chloroplast complex D. Cytochrome complex
12	Light independent reactions take place in the	A. Stroma of chloroplast B. Matrix of mitochondria C. Lumen of Golgi apparatus D. Granum of thylakoids
13	Which of the following are interconverted during glycolysis.	A. Glucose -6-PO ₄ and Fructose -6-PO ₄ B. Dihydroxy acetone PO ₄ and glyceraldehyde 3-PO ₄ C. 3 Phosphoglyceric acid and 2 phosphoglycerialdehyde D. Pyruvate and Phosphoenol pyruvate
14	How many molecules of ATP are generated during Krebs's cycle.	A. One B. Nine C. Three D. Two

15	All steps of citric acid cycle occur in	A. Mitochondria B. Cytosol C. Chloroplast D. Peroxisomes
16	During aerobic respiration glucose is completely oxidized into	A. $\text{CO}_2 + \text{H}_2\text{O}$ B. Pyruvate + H_2O C. Alcohol + CO_2 D. Lactic acid + CO_2
17	Which of the following is included in reactant side of photosynthesis.	A. Oxygen B. Water C. glucose D. Nitrogen
18	Reaction centre of PS-II has chlorophyll -a , which absorbs best light of	A. 500 nm B. 680 nm C. 580 nm D. 600 nm
19	Nearly all the energy used by living organisms on earth comes from	A. photosynthesis B. Respiration C. Alcoholic Fermentation D. Lactic acid fermentation
20	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 are produced