

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Which is not part of light dependent reactions of photosynthesis.	A. Absorption of light energy B. Oxidative phosphorylation C. Photophosphorylation D. Excitation of electrons
2	Each photosystem consists of a light gathering	A. Grana complex B. Antenna complex C. Chloroplast complex D. Cytochrome complex
3	Oxidation of one molecule of NADH produces how many ATPs.	A. One B. Two C. Three D. Four
4	A molecule of chlorophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophilic tail C. Oxidative tail D. Reductive tail
5	Photosystem I has which chlorophyll-a molecule in its reaction centre	A. p 700 B. p 600 C. p 650 D. p 750
6	In substrate level phosphorylation ATP is produced by	A. Enzyme B. Chemiosmosis C. Reduction D. Oxidation
7	Plants of warmer climates deal with the problem of photorespiration by	A. C-2 photosynthesis B. C-3 Photosynthesis C. C-4 Photosynthesis D. C-5 Photosynthesis
8	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%
9	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
10	Carbon fixation refers to the initial incorporation of CO ₂ into.	A. Organic material B. Inorganic compound C. Mesophyll cell D. Lumen of thylakoid
11	Head of chlorophyll molecule is made of	A. Porphyrin ring B. Carbon ring C. Nitrogen ring D. Hydrocarbon ring
12	In yeast during alcoholic fermentation pyruvic acid is further broken down into alcohol and	A. O ₂ B. CO ₂ C. N ₂ D. NH ₃
13	Almost all cells in all organisms use it as energy source.	A. Glucose B. Starch C. Protein D. Vitamin
14	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
15	First stable compound of Krebs cycle is.	A. Citric acid B. Ketoglutaric acid C. a succinic acid D. a malic acid

		D. Fumaric acid
16	Carotenoids absorb light energy in which regions.	A. Blue Green B. Yellow Green C. Yellow red D. Red green
17	When deprived of oxygen, yeast cells obtain energy by fermentaion, producing CO ₂ , ATP and	A. Ethyl alcohol B. Acetyl CoA C. Lactic Acid D. Pyruvic Acid
18	In electron transport chain, FADH :H produces how many ATPs?	A. One B. Two C. Three D. Four
19	At which movement there is no net gas exchange between leaves and atmosphere.	A. Saturaton period B. Compensation point C. End point D. Starting point
20	Photosystem-II makes up the electronrs lost due to light excitation by taking up the elecrons released from.	A. Photolysis of water B. Ferredoxin C. NADPH :H ⁺ D. Plastocyanin