

## Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	The zigzag pathway taken by electrons through PS-II and PS-I and electron transport chain is called	<p>A. Z- scheme            B. F-Scheme            C. P- Scheme            D. C- Scheme</p>
2	Photorespiration involves mitochondria chloroplast and.	<p>A. Peroxisomes            B. Lysosomes            C. Glyoxisomes            D. Ribosomes</p>
3	First stable compound of Krebs cycle is.	<p>A. Citric acid            B. Ketoglutaric acid            C. a succinic acid            D. Fumaric acid</p>
4	What is true for dark reactions.	<p>A. Can occur only in dark            B. Can occur in presence as well as in absence of light            C. Can occur only in the presence of light            D. Can occur in chloroplast as well as in mitochondria.</p>
5	Almost all cells in all organisms use it as energy source.	<p>A. Glucose            B. Starch            C. Protein            D. Vitamin</p>
6	Reaction centre of PS-II has chlorophyll -a , which absorbs best light of	<p>A. 500 nm            B. 680 nm            C. 580 nm            D. 600 nm</p>
7	The light dependent reaction take place on	<p>A. Thylakoid membrane            B. Cristae            C. FI -Particles            D. Stroma</p>
8	CAM metabolism is present in	<p>A. Cacti            B. Mango            C. Rose            D. Mustard</p>
9	The entry of CO <sub>2</sub> into the leaves is dependent upon	<p>A. Opening of Stomata            B. External humidity            C. Water availability            D. Intensity of light</p>
10	What main process occurs during the dark reaction of photosynthesis.	<p>A. Release of oxygen            B. Energy absorption by chlorophyll            C. Adding of hydrogen to CO<sub>2</sub>            D. Formation of ATP</p>
11	Which is not part of light dependent reactions of photosynthesis.	<p>A. Absorption of light energy            B. Oxidative phosphorylation            C. Photophosphorylation            D. Excitation of electrons</p>
12	Light independent reactions take place in the	<p>A. Stroma of chloroplast            B. Matrix of mitochondria            C. Lumen of Golgi apparatus            D. Granum of thylakoids</p>
13	During glycolysis, glucose molecule is split into two molecules of.	<p>A. Acetyl CoA            B. Pyruvate            C. Phosphoenol pyruvate            D. Ethanol pyruvate</p>
14	Before entry into Krebs's cycle Pyruvic acid is acid is activated to	<p>A. Acetyl CoA            B. Pyruvate            C. Oxaloacetate            D. Succinyl CoA</p>
		<p>A. C-2 photosynthesis</p>

15	Plants of warmer climates deal with the problem of photospiration by	B. C-3 Photosynthesis C. C-4 Photosynthesis D. C-5 Photosynthesis
16	Cells get energy from which process of food	A. Digestion B. Respiration C. Oxidation D. Excretion
17	A graph showig different waelengths absorbed by a pigment is called.	A. Active spectrum B. Absorption spectrum C. Broad spectrum D. Narrow spectrum
18	Pyruvic acid can also be truned back into glucose by reversing glycolysis. the process called as.	A. Reverse glycolysis B. Gluconeogenesis C. Revese osmosis D. Lactic acidosis
19	Phycobilins are accessory pigments found in.	A. Plants B. Cyanobacteria C. Bacteria D. Fungi
20	Photosystem I has which chlorophyii-a molecule in its reaction centre	A. p 700 B. p 600 C. p 650 D. p750