

## Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	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
2	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
3	What is TRUE about glycolysis.	A. It produces no ATP B. It takes palce only in aerobic respiration C. It reduce 2 molecules onf NAD for every glucose molecule processed D. It takes place in the mitochondrion
4	Which process is common both in photosynthesis and respiration	A. Electron transport chain and chemiosmosis B. Glycolysis C. Pyruvic acid oxidation D. Krebs cycle
5	The effectiveness of different wavelength of light is determined in terms of.	A. absorption spectrum B. Active spectrum C. Broad spectrum D. Narrow spectrum
6	There is no production of NADPH and oxygen duiing.	A. Non cyclic photophosphorylation B. Cyclic photophosphorylation C. Oxidative phosphorylation D. Oxidation and reduction
7	calvin cycle is also known as.	A. C-3 Pathway B. C-2 Pathway C. C-5 Pathway D. C-6 Pathway
8	The light dependent reaction take place on	A. Thylakoid membrane B. Cristae C. FI -Particles D. Stroma
9	A molcule of chlrophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophic tail C. Oxidative tail D. Reductive tail
10	During aerobic respiraton glucose is completely oxidized into	A. CO2+ H2O B. Pyruvate +H2O C. Alcohol +CO2 D. Lactic acid+CO2
11	During electron transport chain the electrons from reduced coenzymes are finally transerred to.	A. Oxygen B. Cytochrome a C. Cytochrome -c D. Cytochrome- a3
12	ATPs ar eproduced through the process of.	A. Chemiosmosis B. Reverse osmosis C. Photolysis D. Analysis
13	Light independent reactions occur in.	A. Stroma B. Granum C. Thylakoid D. Matrix
14	During chemiosmosis which structures coupled the redox reaction with synthesis of ATP	A. Thylakoid membrane B. Cell membrane C. FI-Particles D. Cristae

15 Photosystem I has which chlorophyll-a molecule in its reaction centre  
B. p 600  
C. p 650  
D. p750

---

16 The entry of CO<sub>2</sub> into the leaves is dependent upon  
A. Openig of Stomata  
B. External humidity  
C. Water availability  
D. Intensity of light

---

17 Porphyrin ring of chlorophyll molecule consists of how many pyrrole rings.  
A. 1  
B. 2  
C. 4  
D. 5

---

18 First stable compound of Krebs cycle is.  
A. Citric acid  
B. Ketoglutaric acid  
C. a succinic acid  
D. Fumaric acid

---

19 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

---

20 Which of the following is included in reactant side of photosynthesis.  
A. Oxygen  
B. Water  
C. glucose  
D. Nitrogen