# Biology Fsc Part 1 Chapter 6 Online Test

| Sr | Questions | Answers Choice |
|---|---|---|
| 1 | Which pathwar occurs in CAM Plants | A. C-3 pathway<br>B. C-4 Pathway<br>C. C-3 and C-4 Pathway<br>D. C-2 Pathway |
| 2 | Photosystem I has which chlorophyii-a molecule in its reaction centre | A. p 700<br>B. p 600<br>C. p 650<br>D. p750 |
| 3 | Light independet reactions take plac in the | A. Stroma of chloroplast<br>B. Matrix of mitochondira<br>C. Lomen of Golgi apparatus<br>D. Granum of thylakoids |
| 4 | As a result of anaerobic respiration one glucose molecule yields only two ATPs which equals to about how much of energy presentin it. | A. 2%<br>B. 4%<br>C. 6%<br>D. 8% |
| 5 | ATPs ar eproduced through the process of. | A. Chemiosmosis<br>B. Reverse osmosis<br>C. Photolysis<br>D. Analysis |
| 6 | When derprived of oxygen, yeast cells obtain energy by fermentaion, producing CO2, ATP and | A. Ethyl alcohol<br>B. Acetyl CoA<br>C. Lactic Acid<br>D. Pyruvic Acid |
| 7 | In which of glycolysis Glucose is convered into Gluocse-6-PO4 | A. 1st Step<br>B. 2nd Step<br>C. 3rd Step<br>D. 4th Step |
| 8 | What main process occurs durin the dark reaction of photosynthesisi. | A. Release of oxygen<br>B. Energy absorption by chlorophyll<br>C. Adding of hydroen to CO2<br>D. Formaton of ATP |
| 9 | There is no production of NADPH and oxygen duirng. | A. Non cyclic photophosphorylation<br>B. Cyclic photophosphorylation<br>C. Oxidative phosphorylation<br>D. Oxidation and reduction |
| 10 | Hoe many NADH molecules are formed during Kreb's cycle | A. 1<br>B. 2<br>C. 3<br>D. 4 |
| 11 | Oxidation of one molecuel of NADH produces how many ATPs. | A. One<br>B. Two<br>C. Three<br>D. Four |
| 12 | Which is not essential of glycolysis. | A. Oxygen<br>B. Enzymes<br>C. Gluccose<br>D. Aerobic condition |
| 13 | Which of the following takes the electrons lost by Photosystem 1 on absorption of light energy. | A. Ferredoxin<br>B. Cytochrome<br>C. Cytochrome a-3<br>D. Plastocyanin |
| 14 | In phostosynthesis water is split during the process | A. Hydrolysis<br>B. Photolysis<br>C. analysis<br>D. Chemolysis |
| 15 | Conversion of Glucose 6-phosphate into Fructose 6-phosphate is | A. Isomerization<br>B. Polymerization<br>C. Condensation<br>D. Phyosphyorylation |

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| 16 | calvin cycle is also known as. | A. C-3 Pathway<br>B. C-2 Pathway<br>C. C-5 Pathway<br>D. C-6 Pathway |
| 17 | Which of the following is included in reactatn side of photosynthesis. | A. Oxygen<br>B. Water<br>C. glucose<br>D. Nitrogen |
| 18 | All stes of citric acid cycle occur in | A. Mitochondria<br>B. Cytosol<br>C. Chlroplast<br>D. Peroxisomes |
| 19 | What is TRUE about glycolysis. | A. It produces no ATP<br>B. It takes palce only in aerobic respiration<br>C. It reduce 2 molecules onf NAD for every glucose molecule processed<br>D. It takes place in the mitochondrion |
| 20 | Carotenoids absorb light energy in which regions. | A. Blue Green<br>B. Yellow Green<br>C. Yellow red<br>D. Red green |