

## Biology Fsc Part 1 Chapter 11 Online Test

| Sr | Questions   | Answers Choice  |
|----|---|---|
| 1  | In the absence of oxygen, yeast cells obtain energy by fermentation, producing CO <sub>2</sub> , ATP and. | A. Acetyl CO-A<br>B. Ethanol<br>C. Lactate<br>D. Pyruvate   |
| 2  | The amount of glucose into ATP during an aerobic respiration is.  | A. 1%<br>B. 2%<br>C. 3%<br>D. 4%  |
| 3  | End product of an aerobic respiration in yeast.   | A. Lactic acid<br>B. Methyl alcohol<br>C. Ethyl alcohol and CO <sub>2</sub><br>D. Ethyl alcohol only    |
| 4  | The breaking of terminal phosphate of ATP releases energy of about.                                       | A. 4.5 Kcal<br>B. 6.5 Kcal<br>C. 7.3 Kcal<br>D. 3.7 Kcal  |
| 5  | Calvin cycle is also known as   | A. C1 Pathway<br>B. C2 pathway<br>C. C3 Pathway<br>D. C4 Pathway  |
| 6  | In the citric acid cycle acetyl COA reacts with oxaloacetate to form                                      | A. Pyruvate<br>B. ATP<br>C. NADH<br>D. Citrate  |
| 7  | The dark reaction occurs in.  | A. Cytoplasm<br>B. chloroplast<br>C. Stroma<br>D. Grana   |
| 8  | Which one is not the phase of Calvin cycle.   | A. Carbon fixation<br>B. Reduction<br>C. Regeneration of CO <sub>2</sub> acceptor<br>D. Phosphorylation |
| 9  | Which is stimulus for cyclic phosphorylation.   | A. Low CO <sub>2</sub><br>B. Low O <sub>2</sub><br>C. Low ATP<br>D. Low NADPH                           |
| 10 | Chlorophyll 'a' of photosystem I absorbs maximum light of.  | A. 670 nm<br>B. 700 nm<br>C. 680 nm<br>D. 690 nm  |
| 11 | pH gradient drives the formation of ATP across membrane in the process called.                            | A. Respiration<br>B. Chemiosmosis<br>C. Conduction<br>D. Calvin cycle                                   |
| 12 | Thylakoid membrane are involved in ATP synthesis by a process known as.                                   | A. Photolysis<br>B. Chemiosmosis<br>C. Redox process<br>D. Glycolysis                                   |
| 13 | the light falling on leaf surface is absorbed about.  | A. 1%<br>B. 25%<br>C. 50%<br>D. 100%  |
| 14 | Which one of the copper containing proteins.  | A. Ferredoxin<br>B. Plastocyanin<br>C. Plastogulnone<br>D. Cytochromes                                  |
| 15 | Plastocyanin protein contains.  | A. Iron<br>B. copper<br>C. Potassium<br>D. Magnesium  |

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| 16 | Photosynthesis II has the form of chlorophyll a which absorb best light of | A. 670 nm<br>B. 680 nm<br>C. 690 nm<br>D. 700 nm       |
| 17 | The fluid filled region of the chloroplast is.                             | A. Matrix<br>B. cisternae<br>C. Stroma<br>D. cytoplasm |