

Biology Fsc Part 1 Chapter 6 Online Test

Sr	Questions	Answers Choice
1	Another name of Kreb's cycle is	A. Citric Acid cycle B. Carbon acid cycle C. Lactic acid cycle D. Phosphoric acid cycle
2	The central atom of chlorophyll molecule is.	A. Ca ⁺⁺ B. N ⁺ C. Mg ⁺⁺ D. Fe ⁺²
3	When deprived of oxygen, yeast cells obtain energy by fermentation, producing CO ₂ , ATP and	A. Ethyl alcohol B. Acetyl CoA C. Lactic Acid D. Pyruvic Acid
4	First stable compound of Krebs cycle is.	A. Citric acid B. Ketoglutaric acid C. a succinic acid D. Fumaric acid
5	Photorespiration involves mitochondria chloroplast and.	A. Peroxisomes B. Lysosomes C. Glyoxisomes D. Ribosomes
6	The energy of 2 ATPs is equivalent to.	A. 14.6 Kcal B. 10.6 Kcal C. 25.6 Kcal D. 34 . 6 Kcal
7	During aerobic respiration glucose is completely oxidized into	A. CO ₂ + H ₂ O B. Pyruvate +H ₂ O C. Alcohol +CO ₂ D. Lactic acid+CO ₂
8	During glycolysis, glucose molecule is split into two molecules of.	A. Acetyl CoA B. Pyruvate C. Phosphoenol pyruvate D. Ethanol pyruvate
9	What serves as reducing power for the reduction of CO ₂ to form sugar	A. NADPH B. FADH ₂ C. NADP D. FAD
10	Which of these is CO ₂ acceptor during photosynthesis.	A. Ribulose biphosphate B. Malic Acid C. Oxaloacetic acid D. Phosphoglyceric acid
11	Which is not essential of glycolysis.	A. Oxygen B. Enzymes C. Glucose D. Aerobic condition
12	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%
13	A molecule of chlorophyll consists of a hydrophilic head and	A. Hydrophobic tail B. Hydrophilic tail C. Oxidative tail D. Reductive tail
14	Which process is common both in photosynthesis and respiration	A. Electron transport chain and chemiosmosis B. Glycolysis C. Pyruvic acid oxidation D. Krebs cycle
15	Chlorophyll is what type of molecule	A. Lipids B. Protein C. Vitamin D. Carbohydrate

D. Carbohydrate

16. Nearly all the energy used by living organisms on earth comes from

- A. photosynthesis
- B. Respiration
- C. Alcoholic Fermentation
- D. Lactic acid fermentation

17. Which is not part of light dependent reactions of photosynthesis.

- A. Absorption of light energy
- B. Oxidative phosphorylation
- C. Photophosphorylation
- D. Excitation of electrons

18. Chlorophyll absorb mainly

- A. Violet - blue and orange -red
- B. Violet-green and indigo- red
- C. Yellow green and yellow-red
- D. Yellow red and orange -red

19. All steps of citric acid cycle occur in

- A. Mitochondria
- B. Cytosol
- C. Chloroplast
- D. Peroxisomes

20. How many NADH molecules are formed during Krebs's cycle

- A. 1
- B. 2
- C. 3
- D. 4