

## MDCAT Biology Chapter 6 MCQ's Test

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Sr	Questions	Answers Choice
1	Pick up the correct one related to tail of chlorophyll	A. Hydrophilic B. Light absorbing C. Porphyrin D. Hydrophobic
2	Light absorbing part of chlorophyll is	A. Phytol B. Magnesium C. Pyrrole D. Porphyrin
3	The final acceptor of electrons in respiratory chain is	A. Cyt. a B. Cyt. a3 C. Water <span style="white-space:pre"> </span> D. Oxygen
4	Which of the following oxidizes malate to oxaloacetate in kreb's cycle?	A. ATP <span style="white-&lt;br&gt;space:pre"> </span> B. NADP+ C. NAD+ D. FAD
5	Which part of mitochondria is the site of link reaction and kreb's cycle and contains the enzymes needed for these reactions?	A. Outer membrane B. Matrix <span style="white-space:pre"> </span> C. Inner membrane D. Crista
6	Fermentation is	A. Incomplete oxidation of proteins <span style="white-space:pre"> </span> B. Complete oxidation of carbohydrates C. Aerobic respiration D. Incomplete oxidation of carbohydrates
7	It is universal hydrogen acceptor	A. ATP <span style="white-space:pre"> </span> B. FMN <span style="white-space:pre"> </span> C. CoA D. NAD
8	Components of electron transport chain that works in Z-scheme are located	A. In stroma     B. In thylakoid membranes     C. In lumen of thylakoids     D. Outside thylakoids
9	What happens in the light phase of photosynthesis?	A. ADP is hydrolyzed and NADP is oxidized B. ATP is synthesized by photophosphorylation and NADP is reduced C. ATP is hydrolyzed and NADPH is oxidized D. ADP is hydrolyzed and NADP is reduced
10	Spectrum which shows the effectiveness of absorbed light	A. Absorption B. Action C. Emission D. Affective
11	Very first product formed from carbon fixation in a calvin cycle	A. Unstable 3C compound B. Unstable 6 Carbon compound C. Stable 3C compound D. Stable 6C compound
12	PEP is converted to by removal of phosphate	A. Enol pyruvate B. Pyruvate C. Glyceraldehyde D. 3PG
		A. Coenzyme Q

A. ATP	
14 Which of the following is not formed during non cyclic phosphorylation  B. NADP C. Oxyge D. G3P	
15 In this process pyruvic acid is not used as substrate B. Calvin C. Aerob	olic fermentation n cycle pic respiration c acid fermentation
16 In krebs cycle, oxidation takes place in the formation of without decarboxylation   A. Succir B. Ketog C. Malate D. Fumra	llutarate e
space:pr  17 Indirect ATP is formed during the production ofin krobs evelo	· <del>-</del>
A. Lysis B. Photo C. Conde D. Hydro	ensation
19 Which of the following is incorrect about action spectrum B. Valley C. Peaks	e effectiveness of light y is broad s are broad idicated by consumption of
A. Dehyd 20 First step of preparatory phase of glycolysis is B. Decar C. Phosp D. Oxida	rboxylation phorylation