MDCAT Biology Chapter 6 MCQ's Test

Sr	Questions	Answers Choice
1	Which of the following is not absent in cyclic electron flow	A. Photolysis B. Phosphorylation C. NADP reductase D. PS II
2	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
3	Pick up the correct one related to tail of chlorophyll	A. Hydrophilic B. Light absorbing C. Porphyrin D. Hydrophobic
4	Where Photophosphorylation takes place in chloroplast?	A. Stroma B. Inner membrane C. Outer membrane D. Granum
5	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
6	Indirect ATP is formed during the production of ___ in krebs cycle	A. Isocitrate B. Succinate C. Citrate D. Malate
7	Which of the following is not formed during non cyclic phosphorylation	A. ATP B. NADPH C. Oxygen D. G3P
8	In krebs cycle, oxidation takes place in the formation of ___ without decarboxylation	A. Succinate B. Ketoglutarate C. Malate D. Fumrate
9	It is universal hydrogen acceptor	A. ATP B. FMN C. CoA D. NAD
10	In Krebs cycle hydration occurs during the conversion of	A. Citrate into isocitrate B. Malate into fumarate C. Citrate into malate D. Fumarate into malate
11	Final acceptor of electrons in non cyclic phosphorylation is	A. Cyt. Complex B. ATP C. Photosytem I D. NADP
12	Fermentation is	A. Incomplete oxidation of proteins B. Complete oxidation of carbohydrates C. Aerobic respiration D. Incomplete oxidation of carbohydrates
13	The site for oxidative phosphorylation in mitochondria	A. Mitochondrial matrix B. Outer compartment

		C. F1 particles D. Cristae
14	Which of the following occurs in the first step of payoff phase during glycolysis	A. Reduction of 1 NAD B. Oxidation of 2 NAD C. Reduction of 2 NAD D. Oxidation of 1 NAD
15	Which of the following is incorrect about action spectrum	A. It tells effectiveness of light B. Valley is broad C. Peaks are broad D. It is indicated by consumption of CO2
16	Number of ATPs produced by aerobic respiration in bacteria	A. 38 B. 36 C. 34 D. 32
17	Light dependent reaction takes place in ___ of chloroplasts	A. Stroma B. Envelope C. Thylakoids D. Lumen
18	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 C. Inner membrane D. Crista
19	It contains many types of pigment molecules	A. Antenna complex B. Reaction centre C. Primary acceptor D. All
20	Spectrum which shows the effectiveness of absorbed light	A. Absorption B. Action C. Emission D. Affective