Bioenergetics

Sr	Questions	Answers Choice
1	The major energy currency of all cells is	A. ATP B. ADP C. AMP D. P-bonds
2	How many ATP molecules are produced from ne glucose molecule during anaerobic respiration.	A. 2 B. 4 C. 12 D. 36
3	Which process in aerobic respiration produces he most ATP.	A. Glycolysis B. Fermentation C. Krebs cycle D. Electron transport chain
4	Alocolic fermentation occurs in	A. Bacteria B. Man C. Yeast D. Bacterial and yeast
5	In which part of the platn cell does photosynthesis occur.	A. Mitochondria B. Nucleus C. Chloroplast D. Ribosome
6	In aerobic respiration pyruvic acid changes to.	A. Glucose B. Acetyl CoA C. Fructose D. Citric Acid
7	What is a common byproduct of anaerobic respiration in animal cells.	A. Oxygen B. Water C. Lactic Acid D. Carbon Dioxide
8	Lactic acid fermention occurs in .	A. Protozoans B. Aerobes C. Yeasts D. Skeletal muscles of humans
9	Which of these can enter into Krebs cycle.	A. Acetyl CoA B. Pyruvic acid C. Glucose D. Citric Acid
10	Glycolysis is the breakdown of	A. Glucose B. Maltose C. Lactose D. Fructose
11	After strenuous exercise you get tired becasue skeletal muscles accmulate.	A. Ethyl alcohol B. Lactic Acid and CO2 C. Lactic acid only D. Ethyl alcolol and CO2
12	In yeast cells, anaerobic respiration leads to the production of.	A. Ethanol B. Lactic acid C. Acetic acid D. Glucose
13	Light reactions of photosynthesis occur in.	A. Plasmam memerane of cell B. Thylakoids of chloroplasts C. Cytoplasm of cell D. Stroma of chloroplasts
14	When we get energy from ATP, which bonds are broken.	A. P-P bonds B. C-N bonds C. C-H bonds D. C-O bonds
15	A child left a carton on the lawn for two days, When the carton was picked up, the grass under it had turned yellow. What caused the grass to change colour.	A. Lack of oxygen B. Lack of water C. Lack of light D. Lack of carbon dioxide

16	In which part of the plant cell does photosynthesis occur.	A. Mitochondria B. Nucleus C. Chloroplast D. NADPH
17	End product of glycolysis is.	A. CO2+ATP B. 2 pyruvic acids +2ATP+2NDADPH C. CO2 D. CO2+ATP+NADPH
18	There are .....P-bonds in an ATP molecule	A. Two B. Nine C. Six D. Four
19	Where does the Krebs cycle occur in a cell	A. Nucleus B. Ribosome C. Chlorphyll D. Mitochndira
20	Which type of chlorophyll is most common in plants.	A. Chlorophyll c B. Chlorophyll b C. Chlorophyll a D. Chlorophyll d