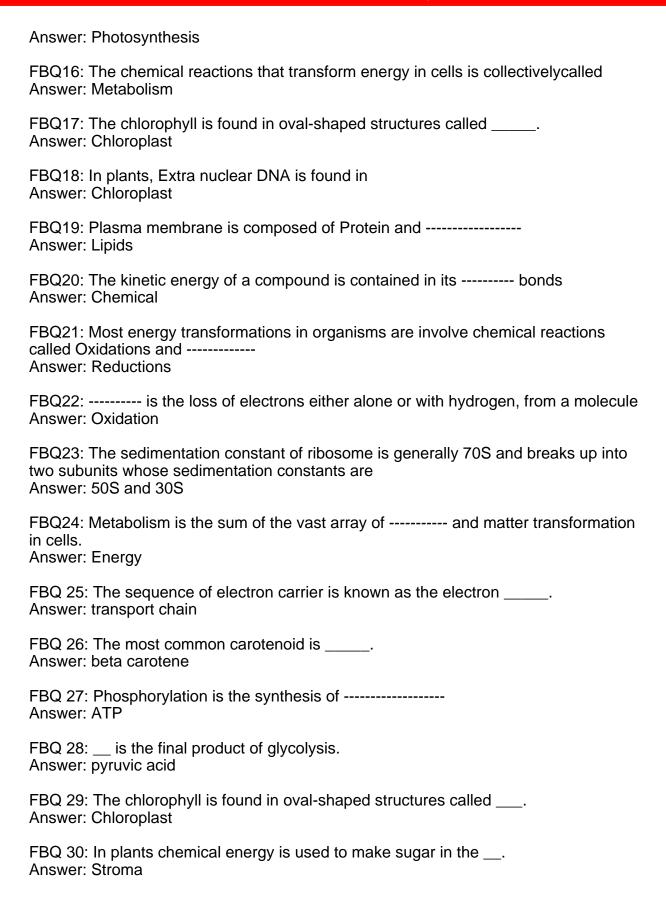
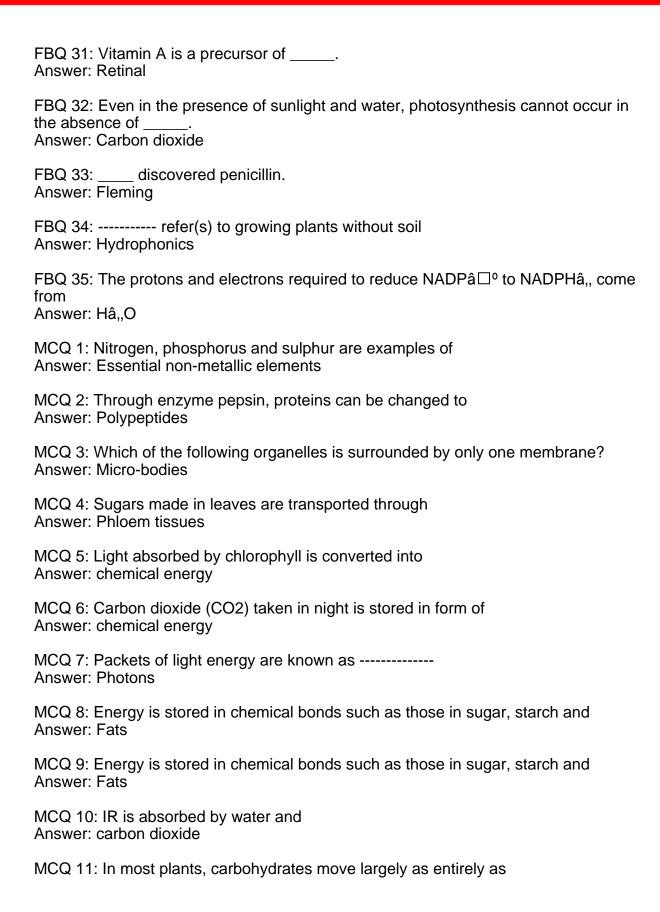
FBQ1: Phosphorylation is the synthesis of Answer: ATP FBQ2: The pressure caused by the potential of water to continuously move into a cell from outside is called ----- pressure Answer: Osmotic FBQ3: The counterpart of osmotic pressure from inside the cell is called -----potential Answer: Osmotic FBQ4: The pressure that causes water pressure to push the plasma membrane against the cell wall is called ----- pressure Answer: Turgor FBQ5: When turgor is lost and cytoplasm shrinks away from cell wall, it is called _____. Answer: Plasmolysis FBQ6: â€lâ€l.. are typically move by facilitated diffusion that involves co-transport with another solute **Answer: Sugars** FBQ7: _____ Membranes allow the unrestricted movement of small molecules across the plasma membrane. Answer: Lipids FBQ8: Scientists measure energy in calories (cal) or _____. Answer: Joules FBQ9: A â€lâ€l... is the amount of energy needed to move 1 kilogram through1 metre with an acceleration of 1 metre per second. Answer: Joule FBQ10: With the help of the enzyme pepsin, proteins can be changed to ------Answer: Polypeptides FBQ11: The energy being used to do work is called ----- energy Answer: Kinetic FBQ12: Exploding a knockout is one of the example of ----- energy Answer: Kinetic FBQ13: What are epoxy resin sections stained with after being cut with a microtome? Answer: Toluidine blue FBQ14: The two primary energy transformations in plants are ----- and cellular transportation Answer: Photosynthesis FBQ15: …… uses light energy to convert CO2 and H2O to carbohydrates.





Answer: Sucrose MCQ 12: Due to chemical energy, water and carbon dioxide are converted into Answer: Carbohydrates MCQ 13: The green colour of leaves is due to solar chemical factories called Answer: Chloroplasts MCQ 14: The main difference between an animal and a plant cell is that ------Answer: Animal cell lack rigid cell wall MCQ 15: Extra nuclear DNA is found in Answer: Chloroplast MCQ 16: Mitochondria was first seen by _____ Answer: Altmann MCQ 17: Plasma membrane is composed of Answer: Protein and Lipids MCQ 18: Cellular organelles containing hydrolytic enzymes are called Answer: Lysosomes MCQ 19: Ribosomes are responsible for ----- in the cell Answer: Protein synthesis MCQ 20: Food is converted to energy in ----- of the cell Answer: Mitochondria MCQ 21: The Chlorophyll of bacteria is called Answer: Bacteriochlorophylls MCQ 22: An essential component of chlorophyll molecule is Answer: Magnesium MCQ 23: Facilitation of entry of CO2Â into the leaf is done through stomata as well as through water film on the ----- cells Answer: spongy mesophyll MCQ 24: Noncyclic photophosphorylation involve which of the following photosystems? I. photosystem I, II. photosystem II Answer: I and II MCQ25: In some microorganisms, the source of protons and electrons is _____. Answer: Hydrogen sulphide MCQ 26: Cork is useful in making stoppers for wine bottle because: Answer: Suberized tissues inhibit water los

