

Test PDF Document for FlashCard AI

Key Concepts:

- Photosynthesis is the process by which green plants use sunlight to synthesize foods.
- The chemical equation for photosynthesis is: $6\text{CO}_2 + 6\text{H}_2\text{O} + \text{light energy} \rightarrow \text{C}_6\text{H}_{12}\text{O}_6 + 6\text{O}_2$
- Mitochondria are the powerhouse of the cell, generating most of the cell's supply of ATP.
- DNA stands for Deoxyribonucleic Acid and contains the genetic instructions for development.
- The water cycle describes how water evaporates, forms clouds, and returns to earth as precipitation.