

## Generated Question Paper

Question 1: MCQ: Which part of a plant is responsible for photosynthesis? A) Roots B) Stem C) Leaves D) Flowers

Question 2: What is the process called when we breathe in oxygen and breathe out carbon dioxide?

Question 3: Explain the light-dependent reactions of photosynthesis, highlighting the role of light, water, and chlorophyll in the production of ATP and NADPH.

Question 4: MCQ: During exhalation, the diaphragm moves \_\_\_\_\_ and the rib cage \_\_\_\_\_. A) upwards, expands B) downwards, compresses C) upwards, compresses D) downwards, expands

Question 5: Short Answer: Describe the role of RuBisCO in the Calvin cycle, highlighting its significance in the process of carbon fixation.