

Generated Question Paper

Question 1: MCQ: Which part of the plant cell is responsible for photosynthesis? A) Nucleus B) Mitochondria C) Chloroplast D) Cell wall

Question 2: What is the primary function of the diaphragm in the process of respiration?

Question 3: Describe the light-dependent reactions of photosynthesis, explaining the role of light, water, and electron carriers in the production of ATP and NADPH.

Question 4: MCQ: Which of the following muscles helps in inhalation by contracting and flattening?

A) Diaphragm B) Intercostal muscles C) Sternum D) Rib cage

Question 5: Short Answer: What is the role of RuBisCO in the Calvin cycle, and how does its structure facilitate this function?