

Generated Question Paper

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

Question 2: What is the main function of the trachea in the human respiratory system?

Question 3: Explain the light-dependent reactions of photosynthesis, including the role of light, water, and electron carriers, and describe how they result in the formation of ATP and NADPH.

Question 4: MCQ: Which of the following statements about diaphragm is true? A) It is a voluntary muscle. B) It separates chest cavity from abdominal cavity. C) It is a smooth muscle. D) It is not involved in inspiration.

Question 5: Short Answer: What is the role of photon energy in the light-dependent reactions of photosynthesis, and how does it influence the electron transport chain?