

Generated Question Paper

Question 1: MCQ: What is the byproduct of photosynthesis that is released into the atmosphere? A)

Oxygen B) Carbon dioxide C) Glucose D) Water

Question 2: What is the byproduct of aerobic respiration that is expelled out of the body through

exhalation?

Question 3: Explain the double helix model of DNA, highlighting the role of hydrogen bonds,

sugar-phosphate backbone, and nitrogenous bases in its structure.

Question 4: MCQ: During photosynthesis, light energy is absorbed by A) Chlorophyll B) Stomata C)

Xylem D) Phloem

Question 5: What is the primary difference between aerobic and anaerobic respiration in terms of

ATP production and oxygen requirement?