

Multiple Choice Questions - Grades 8

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Multiple Choice Questions Grade Levels: 8 Number of Questions

best answer for each question. Mark your answers clearly. Question 1 Photosynthesis is the process by which green plants make their own food. Which three essential components do plants primarily take from their surroundings to carry out this process?A. Oxygen, Nitrogen, and SunlightB. Carbon Dioxide, Water, and SunlightC. Glucose, Water, and Carbon DioxideD. Soil, Fertilizer, and Water Question 2 During photosynthesis, plants produce two main things that are crucial for life on Earth. One is the food they use to grow, and the other is a gas we breathe. What are these two products?A. Starch and Carbon DioxideB. Proteins and Water VaporC. Glucose and OxygenD. Fats and Nitrogen Question 3 India is experiencing significant urbanization and industrialization, often leading to deforestation and increased air pollution in cities like Delhi or Mumbai. How do these environmental changes directly impact photosynthesis in nearby plants and, consequently, the overall ecosystem?A. Plants increase photosynthesis due to more carbon dioxide from pollution, leading to healthier growth.B. Deforestation reduces the number of plants, and air pollution can block sunlight and damage leaves, thereby decreasing overall photosynthesis.C. Plants adapt to pollution by switching to a different, more efficient food-making process that doesn't require sunlight.D. The impact is minimal, as plants can absorb pollutants and convert them into useful nutrients for photosynthesis.