

Exam Paper 1

Student name: ali

Question 1: What is the difference between a physical change and a chemical change? Provide one example of each.

Answer 1: Physical change is like when you eat ice cream and it melts, but chemical change is when you mix ketchup and mustard. It becomes purple, and that's chemical.

Question 2: Explain the water cycle and its key stages. Include the processes involved and how they contribute to the continuous circulation of water on Earth.

Answer 2: Water cycle is when water goes up, makes clouds, and rains. It's always happening. The water evaporates, goes to clouds, and then rains again. It's like a big circle.

Question 3: Describe the structure of an atom. Include the names and charges of its subatomic particles.

Answer 3: Atoms have protons and neutrons in the middle, and electrons outside. Protons are positive, neutrons are neutral, and electrons are negative. They fly around the nucleus.