Science
6 class

7.3 Differentiate between:

Question no 1:

Homogeneous mixture and heterogeneous mixture ?

Answer:

1- A homogeneous mixture is a mixture in which the composition is uniform throughout the mixture.	1- heterogeneous mixture is a mixture in which the composition is not uniform throughout the mixture.
2- example : • Air. • Sugar water. • Rainwater. • Vinegar	Example: • Vinegar • Pizza • Chocolate chip cookie •Milk

Question no 2:

Crystallization and chromatography?

Answer:

crystallisation, is the process of atoms or molecules arranging into a well-defined, rigid crystal lattice in order to minimize their energetic state.	Chromatography is a group of laboratory techniques used to separate the components of a mixture by passing the mixture through a stationary phase.
Example: formation of ice cubes and snow from water,	Example: ion-exchange, resin, and paper chromatography

Question no 3:

Compound and mixture?

Answer:

compound is a pure substance made of two or more different elements that are chemically bonded together in a fixed ratio	A mixture is a physical combination of two or more substances that aren't chemically joined