

## Atoms and Molecules

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Q.1. Assertion:- When a beam of light is passed through a colloidal solution placed in a dark place the path of the beam becomes visible.

Reason:- Light gets scattered by the colloidal particles.

Q.2. Assertion:- A mixture of benzoic acid and naphthalene can be separated by crystallization from water.

Reason:- Benzoic acid is soluble in hot water, but naphthalene is insoluble in hot water.

Q.3. Assertion:- A solution of table salt in a glass of water is homogeneous.

Reason:- A solution having different composition throughout is homogeneous.