

# Chemistry (New Book) - 9th Class Chemistry English Medium Short Question Preparations

Q1. What do you mean by condensation?
Ans 1: "The process of conversion of vapours into liqid state is called condensation."
Q2. Define solution with example .
<b>Ans 1:</b> A solution is a homogenous mixture of two or more substances . The boundaries of compounds can not be distinguished i- e solution exists as one phase
Ans 2: Example : Sugar dissolved in water is an example of liquid solution
Q3. State Charles's law
Ans 1: The volume of a given mass of a gas is directly proportional to the absolute temperature when pressure kept constant."
Q4. Write two properties of crystalline solids .
Ans 1: 1: In crystalline solids particles are arranged in definite in definite pattern.
Ans 2: 2: They have definite geometrical shape
Ans 3: 3: They have sharp melting point
Q5. Give two examples of gas in liquid solution .
<b>Ans 1</b> : 1: Fog
<b>Ans 2:</b> 2: Mist
Ans 3: 3: Liquid in pollutions
Q6. How galvanizing of iron sheets is done ?
Ans 1: The process of Galvanizing is carried out by dipping a clean iron sheet in a zinc chloride bath and then heating it. After this

iron sheet is removed, rolled into molten zinc metal bath and finally air -cooled. Advantages of galvanizing is that zinc protects the

iron against corrosion

## Q7. What do you mean by 24 carat gold?

**Ans 1:** Purity of gold is shown by carat that indicates the number of parts by weight of gold that is present in 24 parts of alloy. Twenty four carat gold is pure and it means all the part of alloy are gold.

### Q8. Write uses of magnesium.

- Ans 1: 1: Magnesium is used in flash light bulbs and in fireworks .
- Ans 2: 2: It is used in the manufacturing of light alloys
- Ans 3: 3: Magnesium ribbon is used in thermic process to ignite aluminium
- Ans 4: 4: Magnesium is used as anode for prevention of corrosion

### Q9. Write electronic configuration of Neon and Berylium

- Ans 1: Atomic number of Neon 10
- **Ans 2:**  $_{10}$ N = 1s<sup>2</sup>, 2s<sup>2</sup>, 2p<sup>6</sup>
- Ans 3: Atomic number of Berylium is4
- **Ans 4:**  $_{4}$ Be = 1s<sup>2</sup>, 2s<sup>2</sup>

### Q10. What are application of inorganic chemistry.

Ans 1: It has application is every aspect of chemical industry such as glass, cement, ceramics and metallurgy.