

## Chemistry (New Book) - 9th Class Chemistry English Medium Chapter 8 Preparation

Q1. What do you mean by 24 carats of Gold?

**Ans 1:** Purity of gold is shown by carats that indicates the number of parts by weight of gold that is present in 24 parts of alloy

Q2. Why copper is used for making electrical wire ?

**Ans 1:** Metals are malleable and ductile copper is a metal which is ductile and can conduct electricity easily, So copper is used for making electrical wires:

Q3. Write down uses of Magnesium?

**Ans 1:** 1- Magnesium is used in flashlight bulbs and in fireworks  
2- It is used in the manufacture of light alloys

Q4. What do you mean by metallic character?

**Ans 1:** Metallic character: Metals have the tendency to lose their valence electrons. This property of a metal is termed as metallic character or electro-positivity.

Q5. Which group of metals is highly reactive?

**Ans 1:** Lithium, sodium, potassium, rubidium, cesium and francium, are highly reactive in nature. They are called alkali metals.

Q6. Write two uses of silver.

**Ans 1:** 1-Alloys of silver with copper are widely used in making coins, silverware and ornaments  
2- Compounds of silver are widely used in photographic films and dental preparations

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 two uses of platinum?

**Ans 1:** 1- Platinum is used to make jewelry items.  
2- is also used for production of hard disk drive coatings and fiber optic cable

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Q9. Why silver and gold are least reactive?

**Ans 1:** Silver and gold are least reactive because these metals do not lose their electrons easily. they do not have the tendency to make cations and due to their soft nature. They cannot be used as such.

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Q10. Which group of metals is highly reactive ?

**Ans 1:** Group -1 are highly reactive elements in periodic shell electronic configuration . As there in only one electron in their valence shell.

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