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NCERT Class X Science Class: Chapter – 3. Metals and Nonmetals – Part-3

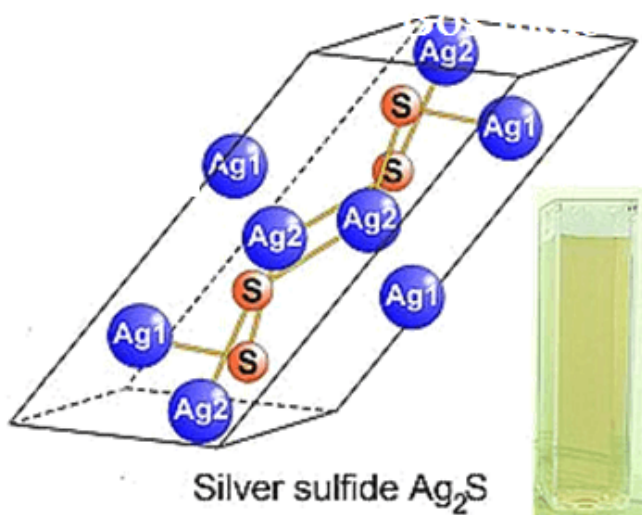
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Question 13:

Silver articles become black on prolonged exposure to air. This is due to the formation of

1. Ag_3N
2. Ag_2O
3. Ag_2S
4. Ag_2S and Ag_3N

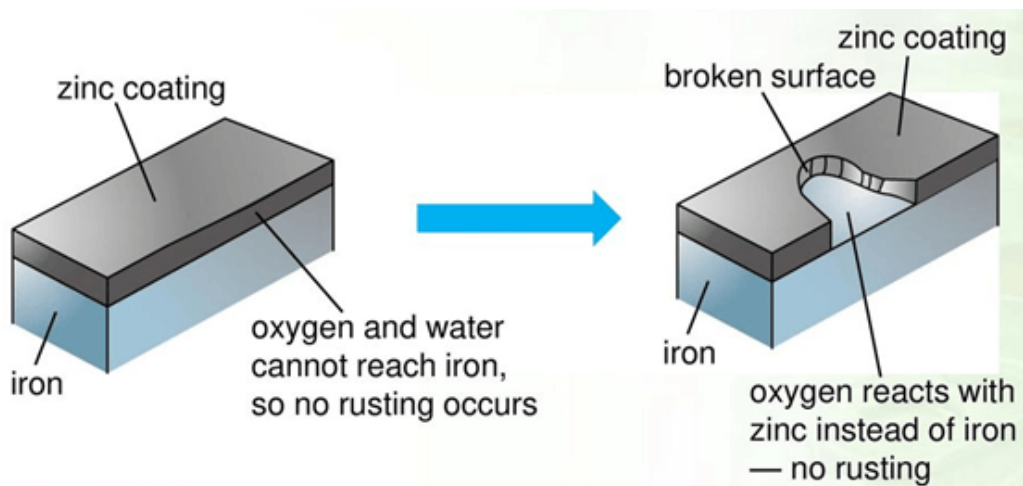
Answer: C

**Question 14:**

Galvanization is a method of protecting iron from rusting by coating with a thin layer of

1. Gallium
2. Aluminium
3. Zinc
4. Silver

Answer: C

**Question 15:**

Stainless steel is very useful material for our life. In stainless steel, iron is mixed with

1. Ni and Cr
2. Cu and Cr
3. Ni and Cu
4. Cu and Au

Answer: A

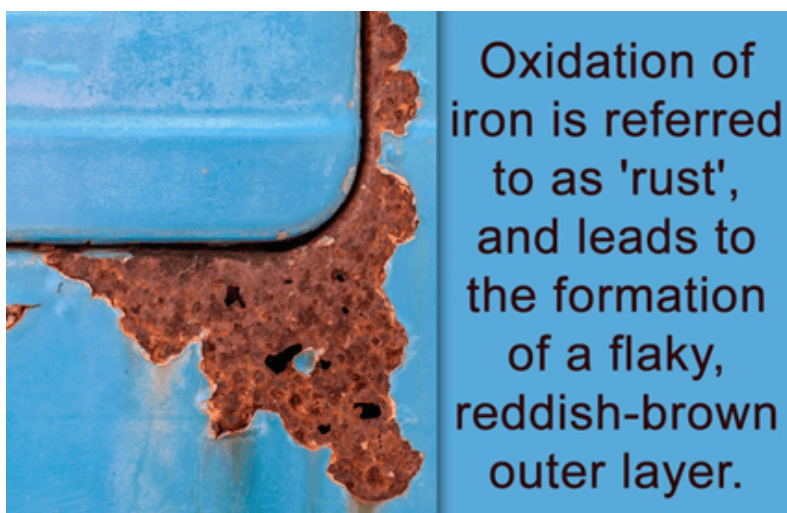
Alloy Steel
contains elements such as nickel and copper.
Stainless Steel
contains 10 -20% of chromium as the main alloying element.

Question 16:

If copper is kept open in air, it slowly loses its shining brown surface and gains a green coating. It is due to the formation of

1. $CuSO_4$
2. $CuCO_3$
3. $Cu(NO_3)_2$
4. CuO

Answer: B

**Question 17:**

Generally, metals are solid in nature. Which one of the following metals is found in liquid state at room temperature?

1. *Na*
2. *Fe*
3. *Cr*
4. *Hg*

Answer: D



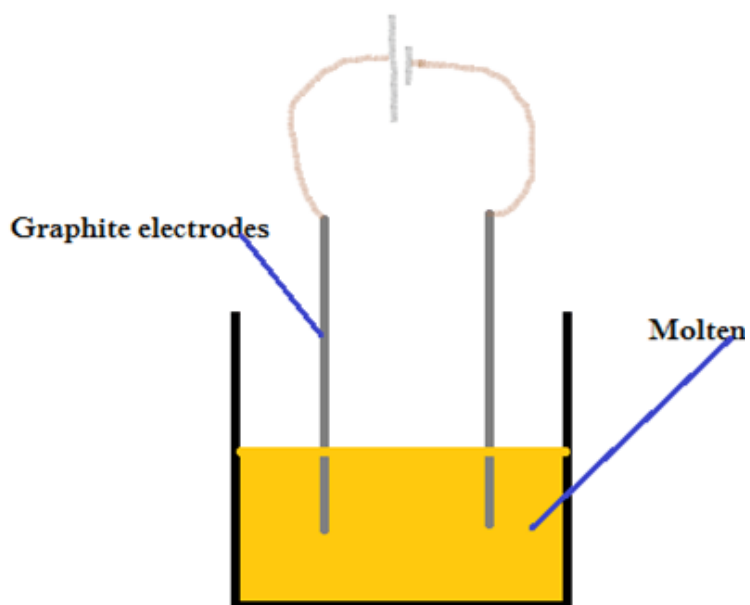
Ordinary metals Vs Mercury

Question 18:

Which of the following metals are obtained by electrolysis of their chlorides in molten state?

1. Na
2. Ca
3. Fe
4. Cu
5. (i) and (iv)
6. (iii) and (iv)
7. (i) and (iii)
8. (i) and (ii)

Answer: D

**Question 19:**

Generally, non-metals are not lustrous. Which of the following nonmetal is lustrous?

1. Sulphur
2. Oxygen
3. Nitrogen
4. Iodine

Answer: D

