

CHEMISTRY

Metals and Non-Metals

- Q1** Galvanisation is a method of protecting iron from rusting by coating with a thin layer of:
(A) Gallium (B) Aluminium
(C) Zinc (D) Silver
- Q2** Stainless steel is a very useful material for our life. In stainless steel, iron is mixed with:
(A) *Ni* and *Cr*
(B) *Cu* and *Cr*
(C) *Ni* and *Cu*
(D) *Cu* and *Au*
- Q3** Alloys are mixtures of a metal with a metal or nonmetal. Which among the following alloys contain non-metal as one of its constituents?
(A) Brass (B) Bronze
(C) Amalgam (D) Steel
- Q4** Which among the following alloys contain mercury as one of its constituents?
(A) Stainless steel
(B) Alnico
(C) Solder
(D) Zinc amalgam
- Q5** Electrical wires have a coating of an insulating material. The material, generally used is:
(A) Sulphur
(B) Graphite
(C) PVC
(D) All can be used



Answer Key

Q1 (C)

Q2 (A)

Q3 (D)

Q4 (D)

Q5 (C)



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Hints & Solutions

Q1 Text Solution:

Galvanisation is a method of protecting iron from rusting by coating with a thin layer of zinc.

Video Solution:**Q2 Text Solution:**

In stainless steel, iron is mixed with nickel and chromium.

Video Solution:**Q3 Text Solution:**

Steel is an alloy of Fe and C, where C is one of the non metal constituent.

Video Solution:**Q4 Text Solution:**

Amalgam- is the name of an alloy where mercury will definitely be one of the major constituent along with other minor metals.

Video Solution:**Q5 Text Solution:**

Poly vinyl chloride (PVC). It is a colorful material which prevents from shock.

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