

Practice worksheet for class 8

Chapter: - 4 Materials : Metals and Non- metals

Q.A) Define the following questions.

1. Define malleability.

Answer:- The property of metal which can be hammered into thin sheet is called malleability.

2. Define ductility.

Answer:- The property of metal which can be shaped into wires is called as ductility.

3. Define sonorous.

Answer:- The metals which produces ringing sound is known as sonorous.

4. What are metals?

Answer:- Metals are the substance which have tendency to donate electrons.

5. What are non - metals?

Answer:- Non - metals are the substance which have tendency to accept electrons.

Q.B) Short answer type

1.) Example of metals.

Answer:- Copper, Iron, aluminium.

2.) Metal found in liquid state.

Answer:- Mercury.

3.) Example of non metals.

Answer:- Sulphur, Carbon.

4.) Name two metals which are poor conductor of electricity.

Answer:- Sulphur, coal.

Q.C) Sodium is kept in kerosene because

- Answer:-
1. Sodium metal is very reactive .
 2. It reacts vigorously with oxygen and water.
 3. A lot of heat is generated in the reaction, it is therefore stored in kerosene.

Q.D) Why phosphorus is stored in water?

- Answer:-
1. Phosphorus is a very reactive non- metal.
 2. It catches fire if exposed to air.
 3. To prevent the contact of phosphorus with atmospheric oxygen, it is stored in water.

E.) Fill in the blanks.

1. Metals like sodium and potassium can be cut by knife.
2. Reaction of oxygen forms green material.
2. Metallic oxide of magnesium is basic in nature.
3. Mercury is only the metal which is found in liquid state.
4. Sodium reacts vigorously with oxygen and water.

F) True or false.

1.) Metal is poor conductor of electricity.

Answer:- False.

2.) Iron is an example of non - metal.

Answer:- False .

3.) Sulphur and coal are soft and dull in appearance.

Answer:- True.

Regards,

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