

Ex-1

3. A substance of a definite composition which has consistent properties throughout - it called pure substance.

Ex- Steel, iron, gold, diamond, water, copper, etc.

5. Examples

a. Metals - Copper, Iron, Aluminium, etc.

b. Non Metals - Oxygen, Carbon, Sulfur and etc.

c. Metalloids - Antimony, Silicon, Germanium, etc.

d. Noble gas - Argon, Neon, Xenon, etc.

7. Metals

Non-Metals

- Metals are usually shiny
- They are solid
- They are ductile

- Non metals cannot be drawn into wire.
- They do not produce sound when ^{struck} with
- They have low melting and boiling points.

6. The elements are-

• Water molecules

• Water molecules made from hydrogen and oxygen atoms.

- Page _____
- i. Water cannot be separated into its constituents hydrogen and oxygen by physical Methods.
 - ii. Properties of water are entirely different from its constituents Hydrogen and oxygen.
Hydrogen is combustible.
 - iii. Heat and light are given out when water is formed by burning hydrogen and oxygen.