

Learning materials :

CHAPTER (METALS AND NONMETALS)

PHYSICAL PROPERTIES OF NON-METALS

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|------|---------------------------|-----------------------------------------------------------------------------------------------------------|
| I) | Appearance | Dull and lack lustre |
| II) | Hardness. | Comparatively soft.(Exception is graphite) |
| III) | Malleability and ductile | Are not malleable and ductile . |
| IV) | Heat conductivity. | Poor conductors of heat . |
| V) | Electrical conductivity. | Poor conductors of electricity . |
| VI) | Physical characteristics. | Solid liquid or gas at room temperature.
Usually have low melting and boiling
Points. Not sonorous. |

Q.N.1 write down the example of the some metals.

Ans. Iron, copper, Aluminum, zinc, Silver, Gold, platinum, chromium
Sodium, Potassium, magnesium, Nickel, Cobalt ,calcium, lead, cadmium
Mercury ,antimony, uranium out of 92 naturally occurring elements 70
elements are metals all the metals are solid except one metal Mercury
which is liquid at room temperature.

Q. N. 2.write down the few examples of nonmetals.

carbon, Sulphur, Phosphorus, hydrogen, oxygen, nitrogen chlorine
bromine, iodine ,Helium ,neon, Argon, krypton, Xenon .out of 92
naturally occurring elements ,22 elements are non metals out of these
10 non metals are solid. and remaining 11 and metals are gases.

