

ans

Elements, compounds, symbols, & Formulae

Ex III

2 Name

a) Three different forms of carbon

ans) i) Diamond

ii) Graphite

iii) Coal

b) A Form of carbon used as a gem.

ans) Diamond is used as a gem.

c) Two substances used to make electric wire

d) Two substances used to make jewellery.

e) A substance used as an insulator.

2) Give ~~to~~ one use of each of the following substances:

a) Iron - To make machines tools & building ~~mat~~ materials

b) Brass - To make water taps & utensils.

c) Coal - Coal is used ~~as~~ as fuel also in thermal ~~at~~ power plants to produce electricity



3a) Ans) steel is good conductor of heat to cook food, pan is made of steel where as wood is insulator of heat & to hold handle is made up of wood.

b) ans) Graphite leaves mark on the paper and make it black.

c) ans) Argon is inert gas & protects the element of bulb from oxidation & burning. Hence increases bulb's life.

4a) ans) Copper & aluminium are good conductor of heat & electricity. They can be drawn into wires & beaten into sheets. Therefore, they are used to make electric wire.

b) ans) Metal are ductile, i.e. they can be drawn or stretched into thin wires. They are malleable, i.e. they can be beaten into thin sheets.

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OBJECTIVE TYPE Q

1 a) Atomicity

b) oxygen

c) mercury

d) nitrogen

e) sulphur

f) oxygen

g) bromine



