

f) Molecules can exist independently (T)

g) Molecules combine to form atoms. (F)

h) Noble gases are highly reactive (F)

i) Ozone is a triatomic molecule (T)

(7) A liquid non-metal is bromine

- (2)
- | | |
|----------------|-------------------------------|
| a) Metals | i) Non-reactive |
| b) Molecules | ii) Brittle |
| c) Non-metals | iii) Lustrous |
| d) Noble gases | iv) Smallest unit of compound |

(3) a) A compound is made up of just one kind of atom F

b) Metals reflect light and are good conductors of electricity. (T)

(c) Metals can be polished (F)

d) Elements are made up of compounds (F)

e) All ~~non~~ elements are artificially prepared

(F)

Liquid - water, ~~gas~~ oil

Gaseous - air, oxygen

Ex - III

(1) Atomivity refers to the number of atoms

in the molecules of an element

(2) The most abundant element in the earth

crust is oxygen

(3) A metal which is a liquid at room tem

perature is mercury

(4) the most abundant element in the atmosph

-ere is nitrogen

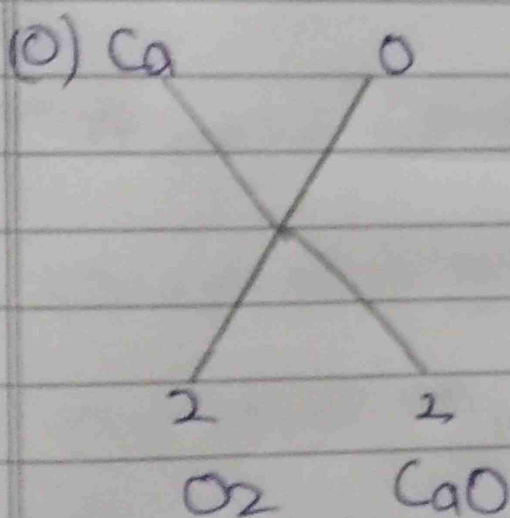
(5) A metal which is a poor conductor of

electricity is tungsten.

(6) A diatomic gaseous element is oxygen

(7) Write the molecular formulae of compounds calcium oxide, hydrogen, sulphide, carbon monoxide and lead sulphide

(8) Compound ~~the molecular~~ calcium oxide is formed from elements calcium (Ca) and oxygen



(10) Give two examples each of compounds existing in the following states

(a) Solid - chair, frying pan