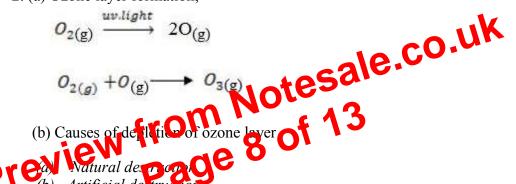
- (c) Depletion of ozone layer:-
 - . Spread of air borne diseases E.g. Tuberculosis.
 - . Acid rain.
 - . Global warming.
- (d) Industrial worker can be protected against harmful chemical fumes by:-
 - . using protective masks to protect them from harmful fumes.
 - . Good ventilation systems in industries i.e. air circulation.
 - . Close chambers for chemical processes.
- 2. (a) Ozone layer formation;-



(a) Artificial destruction

. Through gases e.g: CFC'S

$$Cl_2 CF_2 \xrightarrow{u.v} Cl + Cl CF_2$$

$$Cl + O_3 \longrightarrow ClO + O_2$$

This is a chain reaction which later leads to the destruction of ozone layer

(b) Natural destruction

Using Otherous exide

$$A_2O + O - O OO$$
 $A_2O + O - O OO$
 $A_3O + O_3 \longrightarrow NO_2 + O_2$

$$NO_2 + O \longrightarrow NO + O_2$$

$$O_3 + O \longrightarrow 2O_2$$

- (c) Harmful effects of ozone layer depletion
 - . It may result to skin cancer due to UV-rays.
 - . Damage immune system leading to increase in viral infection.