

formed: Oxygen is never converted into ozone completely and we always

Obtain a mixture of oxygen and ozone.

This mixture is called ozonized oxygen.

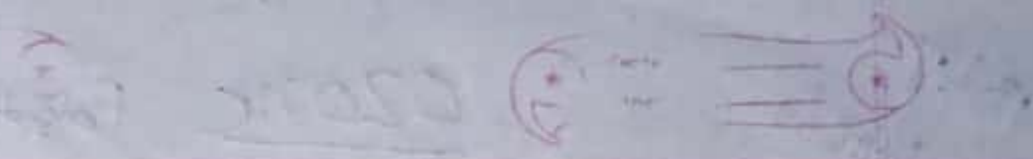
### (\*) Formation of ozone

'Ozoniser' is the apparatus used to prepare ozone by the passage of silent electrical discharge. Two types of ozonizers are used:

#### (\*) Siemen's ozoniser

It consists of two co-axial glass tubes fused together. Tin foil is used to coat

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Ozone layer of the Stratosphere, which

absorbs most of the Sun's Ultraviolet

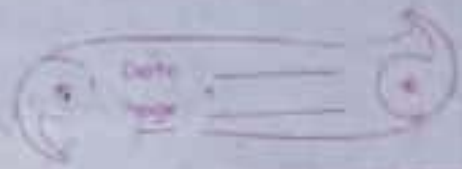
radiation

It is a

thin layer of

ozone molecules

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the inner - side of the inner tube and the outer side of outer tube. The inner & outer tin loadings are connected to the terminals of an induction coil, which produces current of high voltage. A slow current of pure and dry oxygen is passed through the annular space. On subjecting oxygen to