Nobie Nobie Gases

CHEMISTRY OF NOBLE GASES

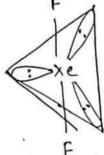
Properties:>

(ii)
$$XeF_2 + F_9 \longrightarrow XeF_4$$

(iii) $XeF_2 + 2KI \longrightarrow Xe + 2KF + I_2$

Acctor According to VBT Sto.

for minimum Repulsion l.p. occupies Xefz equatorial position



Linear Shape

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YeFy

Gymp:

$$xe + \lambda f_{2} \xrightarrow{300^{\circ}c} \times ef_{4}$$

1: 4

Properties

(i) $xef_{4} + pt \longrightarrow xe + ptf_{4}$

(ii) $xef_{4} + 2sf_{4} \rightarrow xe + 2sf_{6}$

(iii) $6 \times ef_{4} + 12f_{2} \longrightarrow 30_{2} + 2\times e0_{3} + 4\times e + 34H_{6}$

(iv) $xef_{4} + 4H\alpha \longrightarrow xe + 4HF + 2cd_{2}$

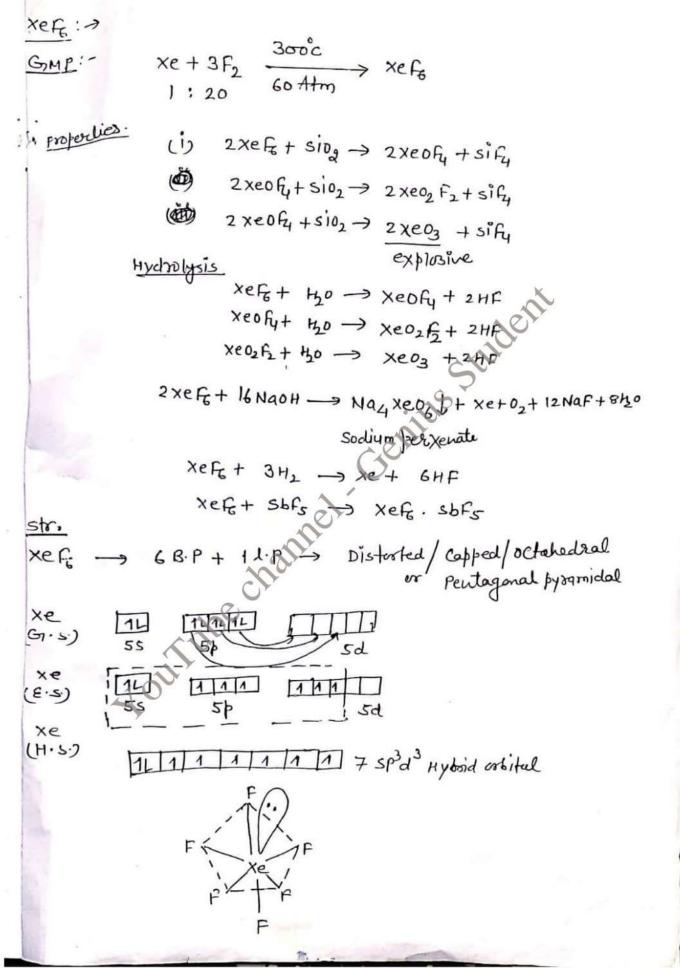
(v) $3 \times ef_{4} + 4NH_{3} \rightarrow 3\times e + 12HF + 2NL$
 $2 \times ef_{4} + 2f_{2} \longrightarrow xef_{6} + 0_{2}$

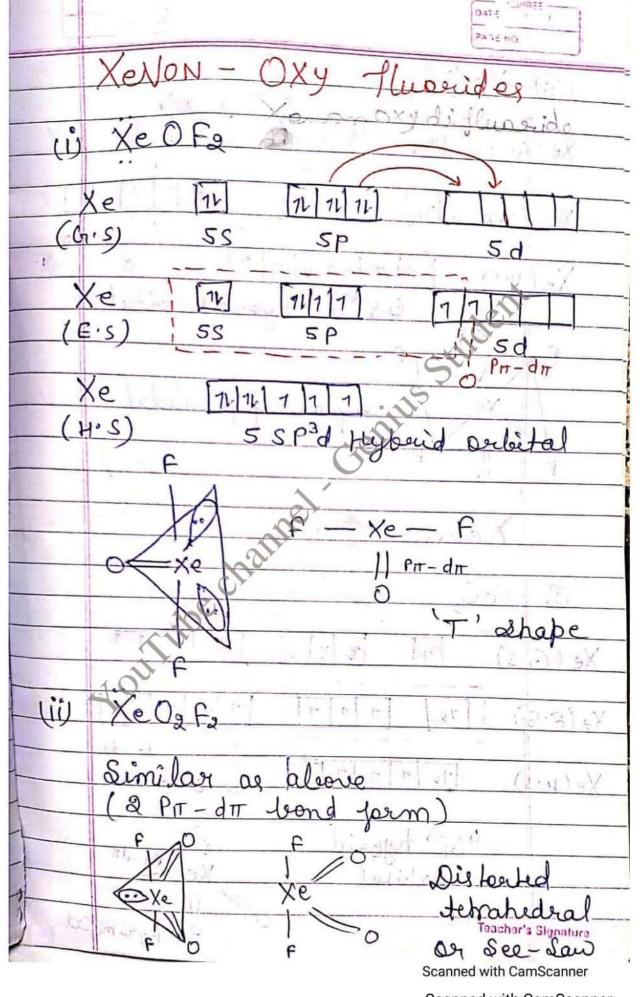
(vi) $xef_{4} + 0_{2}f_{2} \longrightarrow xef_{6} + 0_{2}$

(vii) $xef_{4} + 2H_{1} \longrightarrow xe + 4H_{6}$

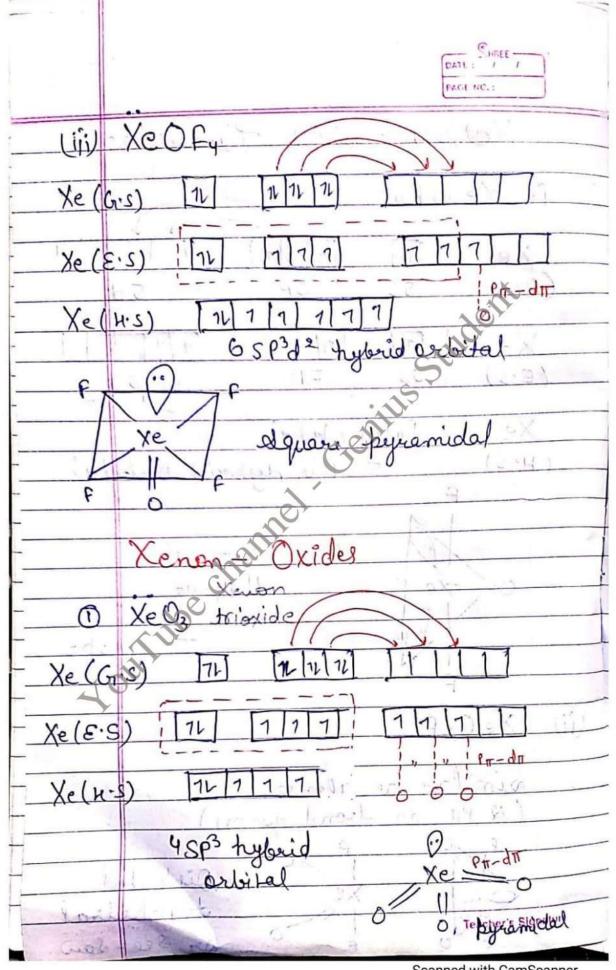
Sign.

 $xef_{4} + 2H_{2} \longrightarrow xef_{6} + 0_{2}$
 $xef_{4} + 2H_{1} \longrightarrow xe + 4H_{6}$
 $xef_{4} + 2H_{2} \longrightarrow xef_{6} + 0_{2}$
 $xef_{4} + 2H_{1} \longrightarrow xe + 4H_{6}$
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 $xef_{4} \rightarrow xef_{4} \rightarrow$





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