ALKENES

PREPARATIONS OF ALKENES

Conc. H_2SO_4
Δ

KOH, ethanol
Δ

MINOR

MAJOR

UNSATURATION TEST

$KMnO_4/OH^-$
cold

BAEYER'S TEST

OZONOLYSIS

(i) O_3
(ii) Zn, H_2O

PREDICTING C=C POSITION

OXIDATION

$KMnO_4/H^+$
Δ

+

+

CHEMICAL PROPERTIES OF ALKENES

H_2O/H^+ → MARKOVNIKOV'S

Cl_2/CH_2Cl_2 → UNSATURATION TEST

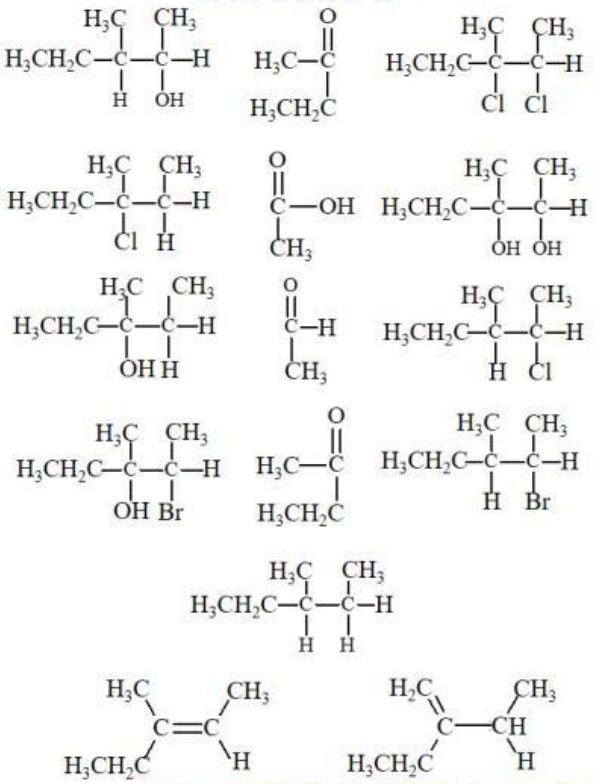
HCl → MARKOVNIKOV'S

Br_2/H_2O → UNSATURATION TEST

H_2, Pt

HBr, peroxide → ANTI-MARKOVNIKOV'S

ANSWER :



LIVEWORKSHEETS