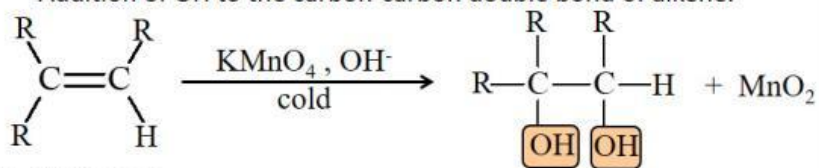


REACTIONS OF ALKENES

REACTION WITH DILUTED ALKALINE KMnO_4

Addition of OH to the carbon-carbon double bond of alkene.



R = Alkyl group

Reagent & Conditions : KMnO_4 , H_3O^+ , cold

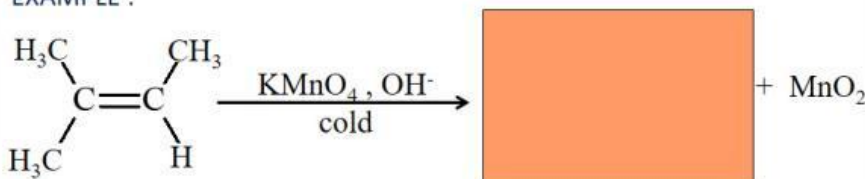
Type of reactions : _____

Name of test (using Br_2) : _____

Observation : _____

Rule : OH is added to both Carbon-carbon double bond without changing its carbon chain.

EXAMPLE :



CHOOSE THE CORRECT ANSWER :

NUCLEOPHILIC ADDITION

ELECTROPHILIC ADDITION

ELIMINATION

BRADY'S TEST

BAEYER'S TEST

Brown precipitate is formed

Reddish brown colour decolourised

Yellowish brown colour decolourised

