Q5. The addition of HBr to 1 -butene gives a mixture of products (A), (B) and (C).
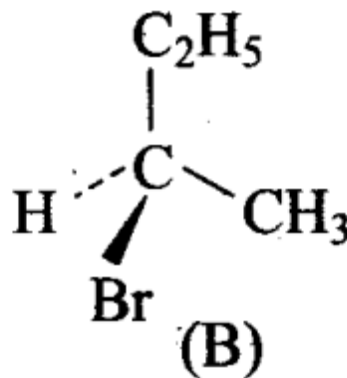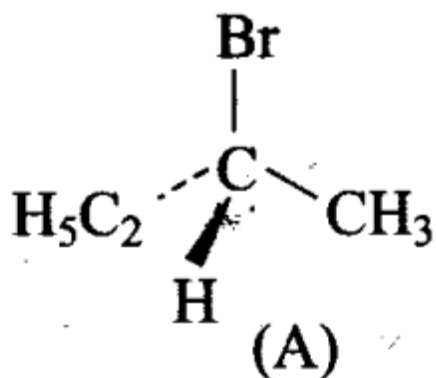

(C) $CH_3 - CH_2 - CH_2 - CH_2 - Br$
The mixture consists of
(a) (A) and (B) as major and (C) as minor products
(b) (B) as major, (A) and (C) as minor products
(c) (B) as minor, (A) andj(C) as major products
(d) (A) and (B) as minor and (C) as major products.
Sol: (a) The alkene is unsymmetrical, hence will follow Markovnikov rule to give major product.