• Draw the constitutional formula(s) of the major organic product(s) formed in each of the following reactions.

Marks 3

(Markovnikov addition of HBr with H adding to less substituted end of double bond)

$$CH_3$$
 CH_3 CH_3 CH_3 CH_3 CH_3

(Dehydration)

$$\begin{array}{c} OH \\ \hline \\ Cr_2O_7^{\ 2\ominus} \ / \ H^{\oplus} \ / \ H_2O \end{array}$$

(Oxidation of secondary alcohol to ketone)