• Draw the structure(s) of the major organic product(s) formed in each of the following reactions. Give the names of the products where requested.

Marks 3

$$\begin{array}{c} H \\ CH_3 \\ CH_3 \\ \end{array} \\ HO \\ O \\ \end{array}$$

$$\begin{array}{c} 1) CH_3MgBr \\ \hline 2) dil. H_3O \\ \end{array} \\ OH \\ \\ Name(s): 2-methylhept-5-yn-2-ol \\ \end{array}$$

THE REMAINDER OF THIS PAGE IS FOR ROUGH WORKING ONLY.