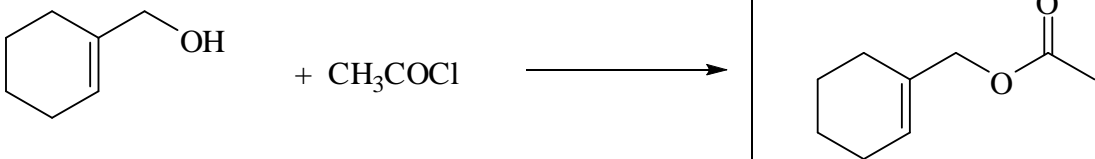
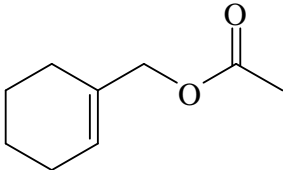
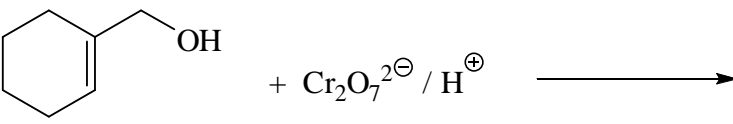
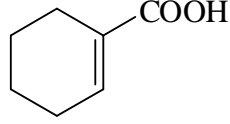
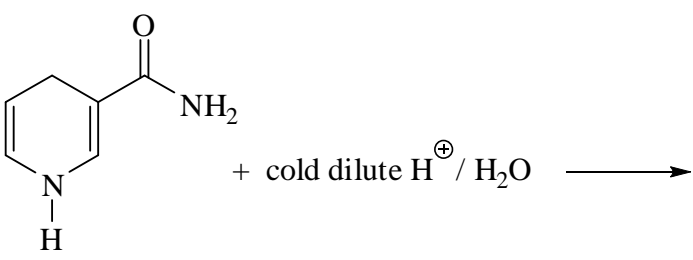
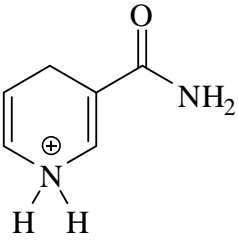
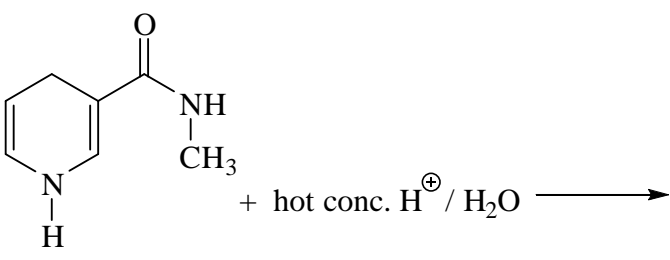
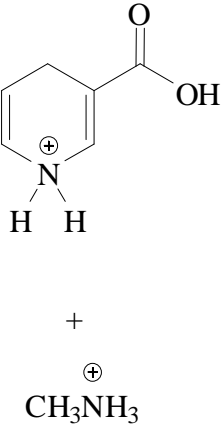


Marks
4

- Indicate the major organic product(s) in the following reactions.

 <p> <chem>C1=CCCCC1CO</chem> + <chem>CC(=O)Cl</chem> \longrightarrow </p>	 <p> <chem>CC(=O)OCC1=CCCCC1</chem> </p>
 <p> <chem>C1=CCCCC1CO</chem> + $\text{Cr}_2\text{O}_7^{2-} / \text{H}^+$ \longrightarrow </p>	 <p> <chem>C1=CCCCC1C(=O)O</chem> </p>
 <p> <chem>NC(=O)c1ccncc1</chem> + cold dilute $\text{H}^+ / \text{H}_2\text{O}$ \longrightarrow </p>	 <p> <chem>NC(=O)c1cc[nH+]c1</chem> </p>
 <p> <chem>CNC(=O)c1ccncc1</chem> + hot conc. $\text{H}^+ / \text{H}_2\text{O}$ \longrightarrow </p>	 <p> <chem>C(=O)Oc1cc[nH+]c1</chem> + CH_3NH_3^+ </p>