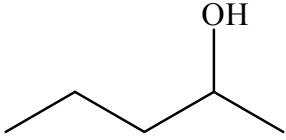
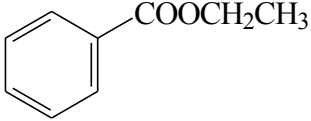
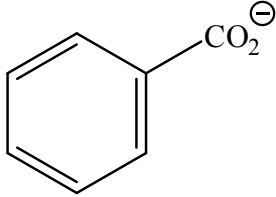
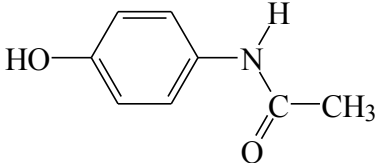
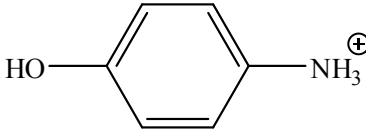
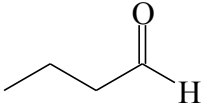


Marks
5

- Complete the following table. Make sure you complete the name of the starting material where indicated.

STARTING MATERIAL NAME (where required)	REAGENTS/ CONDITIONS	CONSTITUTIONAL FORMULA(S) OF MAJOR ORGANIC PRODUCT(S)
$\text{CH}_3\text{CH}_2\text{CH}_2-\overset{\text{O}}{\parallel}{\text{C}}-\text{CH}_3$ <p>Name: 2-pentanone</p>	1. LiAlH_4 / dry ether 2. H^+ / H_2O	
	3 M NaOH / heat	 + $\text{CH}_3\text{CH}_2\text{COOH}$
	conc. HCl / heat	 + CH_3COOH
	$[\text{Ag}(\text{NH}_3)_2]^+$ / dil. OH^-	