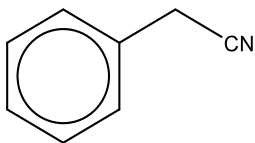
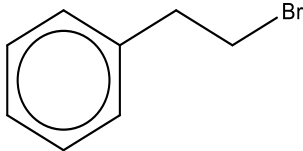
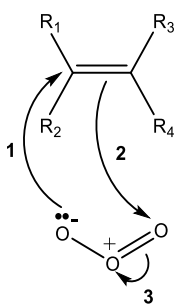


9(a)	M1: (basicity linked to) ability of lone pair / p-orbital to AND accept / coordinate with a proton / H^+ M2: (lone pair of) electrons on N is delocalised into $\text{C}=\text{O}$ group (and make amides neutral)
9(b)(i)	M1: M  M2: N 
9(b)(ii)	LiAlH_4
9(c)	ketone / carbonyl AND secondary / 2°
9(d)(i)	 curly arrow 1: from O lone pair to C atom (in $\text{C}=\text{C}$) curly arrow 2: from $\text{C}=\text{C}$ bond to the right-hand O atom in $\text{O}=\text{O}$ curly arrow 3: from $\text{O}=\text{O}$ bond to O^+
9(d)(ii)	