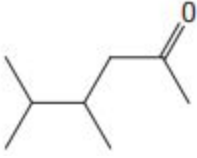
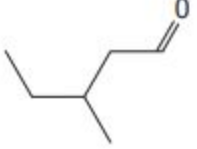


1. Write the name/ structure, as applicable, for the following compounds. [20 Marks]

Name	Condensed Structure	Structural formula	Type of the compound
1,4-dichloro-3hexene			
		$\begin{array}{ccccccccccc} \text{CH}_3 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{NH} & - & \text{CH}_2 & - & \text{CH}_3 \\ & & & & & & & & & & & & \\ & & \text{CH}_3 & & & & \text{CH}_2 - \text{CH}_3 & & & & & & \end{array}$	
		$\begin{array}{ccccccc} & & & & \text{OH} & & \\ & & & & & & \\ \text{CH}_3 & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_2 & - & \text{CH} & - & \text{CH}_3 \\ & & & & & & & & & & \\ & & & & \text{CH}_3 & & & & & & \end{array}$	
	$\text{CH}_3\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}(\text{OH})\text{CH}_2\text{CH}_3$		
butylpentanoate			
			
2-Propoxypentane			
	$(\text{CH}_3)_2\text{CHCH}_2\text{CONH}(\text{CH}_3)$		
			

2,2,5-trimethyl-3-oct yne			
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