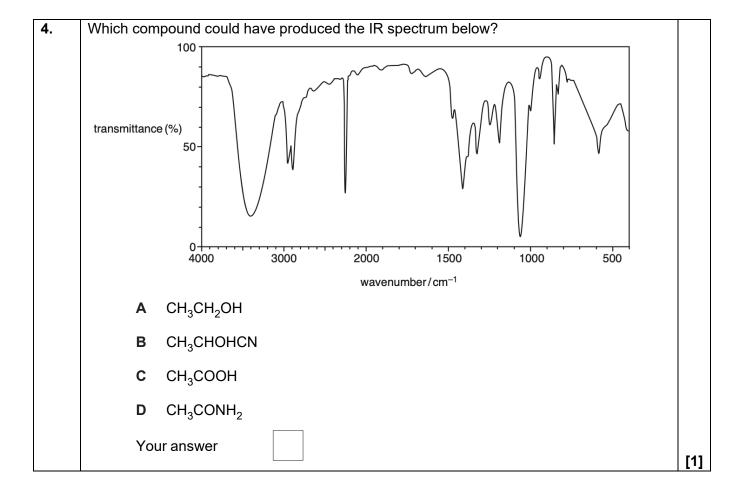


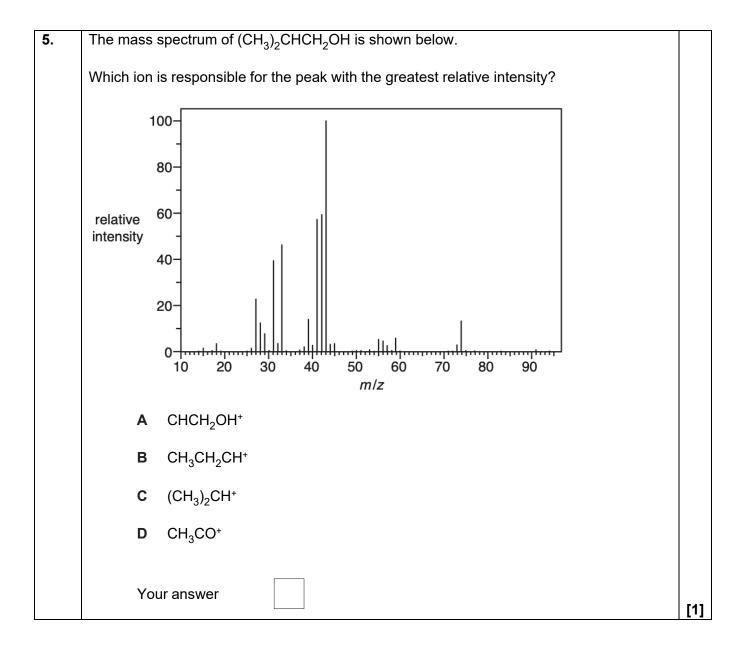
GCE A level Chemistry A (H432) H432/02 Synthesis and analytical techniques

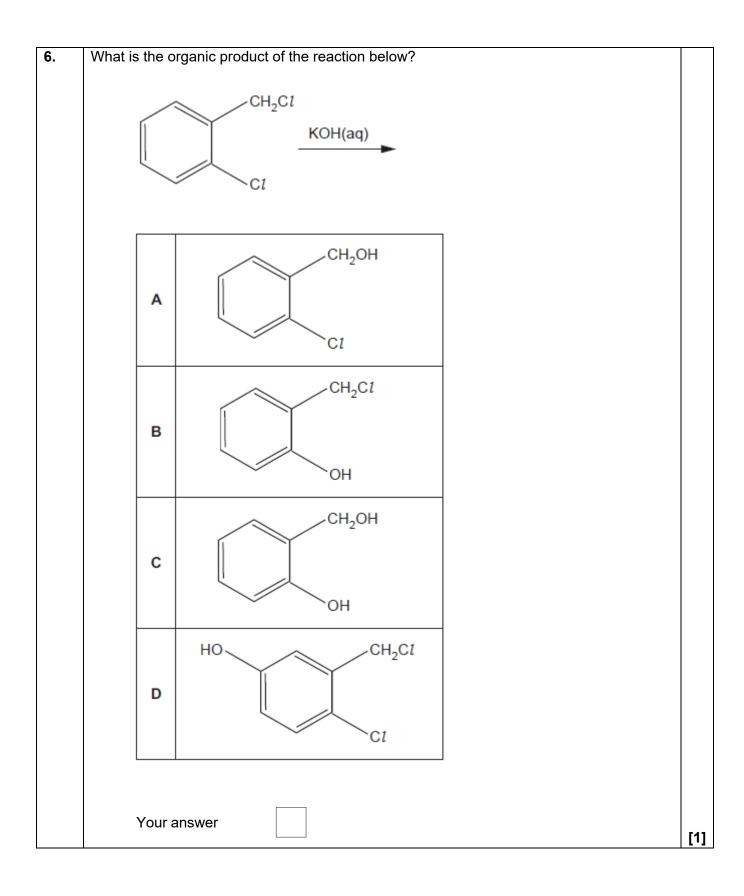
MCQ Question Set 4 4.2 Alcohols, haloalkanes and analysis

Multiple Choice Questions

1.	A chemist compares the rates of hydrolysis of 1-chloropropane and 1-bromopropane in ethanol.		
	Which reagent in aqueous solution should be used?		
	Α	Silver chloride	
	В	Silver nitrate	
	С	Potassium chloride	
	D	Potassium nitrate	
	You	r answer	[1]
2.	Which compound does not react with nucleophiles?		
	Α	CH ₃ CH ₂ CHO	
	В	CH ₃ CHCH ₂	
	С	CH ₃ CH ₂ COCH ₃	
	D	CH ₃ CH ₂ CH ₂ C <i>l</i>	
	Yo	our answer	[1]
3.	The breakdown of ozone is catalysed by NO radicals.		
	Which equation is a propagation step in the mechanism for this process?		
	Α	$NO + O_2 \rightarrow N + O_3$	
	В	$NO + O_2 \rightarrow NO_2 + O$	
	С	$N + O_3 \rightarrow NO + O_2$	
	D	$NO_2 + O \rightarrow NO + O_2$	
	Yo	our answer	[1]







Total Marks for Question Set 4: 6



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