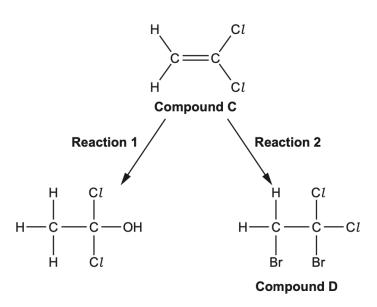


AS level Chemistry A

H032/02 Depth in chemistry

Question Set 12



(a) State the reagents and conditions for **reaction 1**.

			[1]
(b)		In reaction 2, compound C reacts with bromine to form compound D.	1.1
	(i)	Give the systematic name of compound D .	[1]
	(ii)	Outline the mechanism for reaction 2 .	
		Include curly arrows, charges and relevant dipoles.	
(c)		Compound C forms an addition polymer E .	[3]
	(i)	Write a balanced equation for this reaction.	
		Show displayed formulae.	[0]
	(ii)	State one advantage and one disadvantage of using combustion as a	[2]
		method for thedisposal of waste polymer E.	[2]

Total Marks for Question Set 6: 9



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