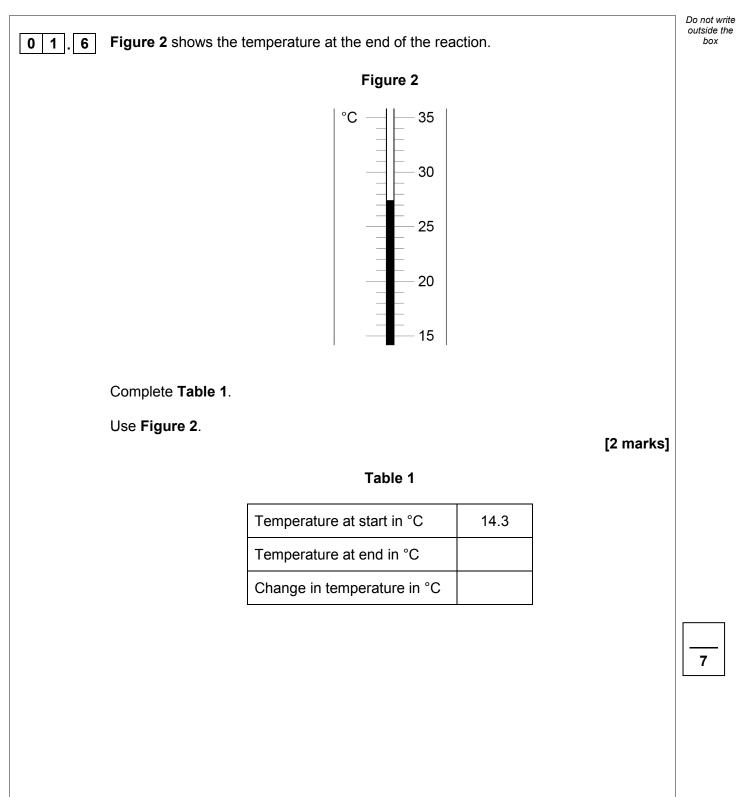


0 2

0 1.2	Which letter represents the activation energy for the reaction?       [1 mark]         Tick (✓) one box.       D	Do not write outside the box		
01.3	Which letter represents the overall energy change for the reaction?  Tick (✓) one box.  A B C D			
01.4	Complete the sentence. Choose the answer from the box. [1 mark]	I		
	Iower thanthe same ashigher thanIn an exothermic reaction the energy of the products			
0 1.5	is the energy of the reactants. A student measured the temperature at the start and at the end of a reaction.			
	Name the apparatus used to measure the temperature.	-		
	Question 1 continues on the next page			







Question	Answers	Extra information	Mark	AO / Spec. Ref.
01.1	sports injury pack		1	AO1 5.5.1.1
01.2	В		1	AO1 5.5.1.2
01.3	С		1	AO1 5.5.1.2
01.4	lower than		1	AO1 5.5.1.2
01.5	thermometer		1	AO1 5.5.1.2
01.6	27.4 (°C)	allow values in the range 27.2– 27.5 (°C)	1	AO2 5.5.1.1
	(27.4–14.3 =) 13.1 (°C)	allow correct subtraction of incorrect temperature reading	1	
Total			7	