

Paper Reference(s) 4CH1/2CR
Pearson Edexcel International GCSE (9–1)

Chemistry
UNIT: 4CH1
PAPER: 2CR

Tuesday 11 June 2024 – Morning
Time: 1 hour 15 minutes

Diagram Booklet

**THIS DIAGRAM BOOKLET MUST BE
RETURNED WITH THE QUESTION PAPER
AT THE END OF THE EXAMINATION.**

**In the boxes below, write your name, centre
number and candidate number.**

Surname					
Other names					
Centre Number					
Candidate Number					

INSTRUCTIONS

There may be spare copies of some diagrams in case you need them.

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Turn over

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Spare Copies

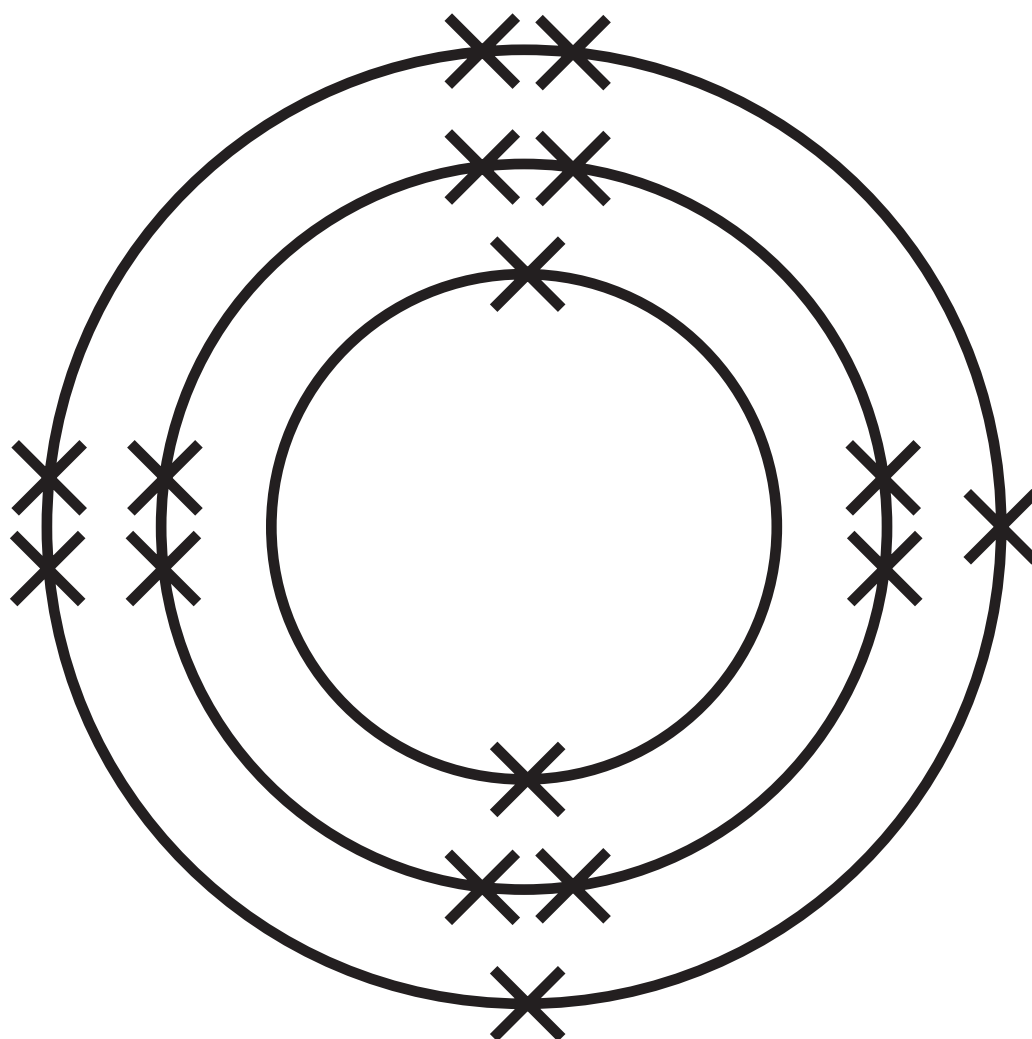
16 Question 3(b)(i)

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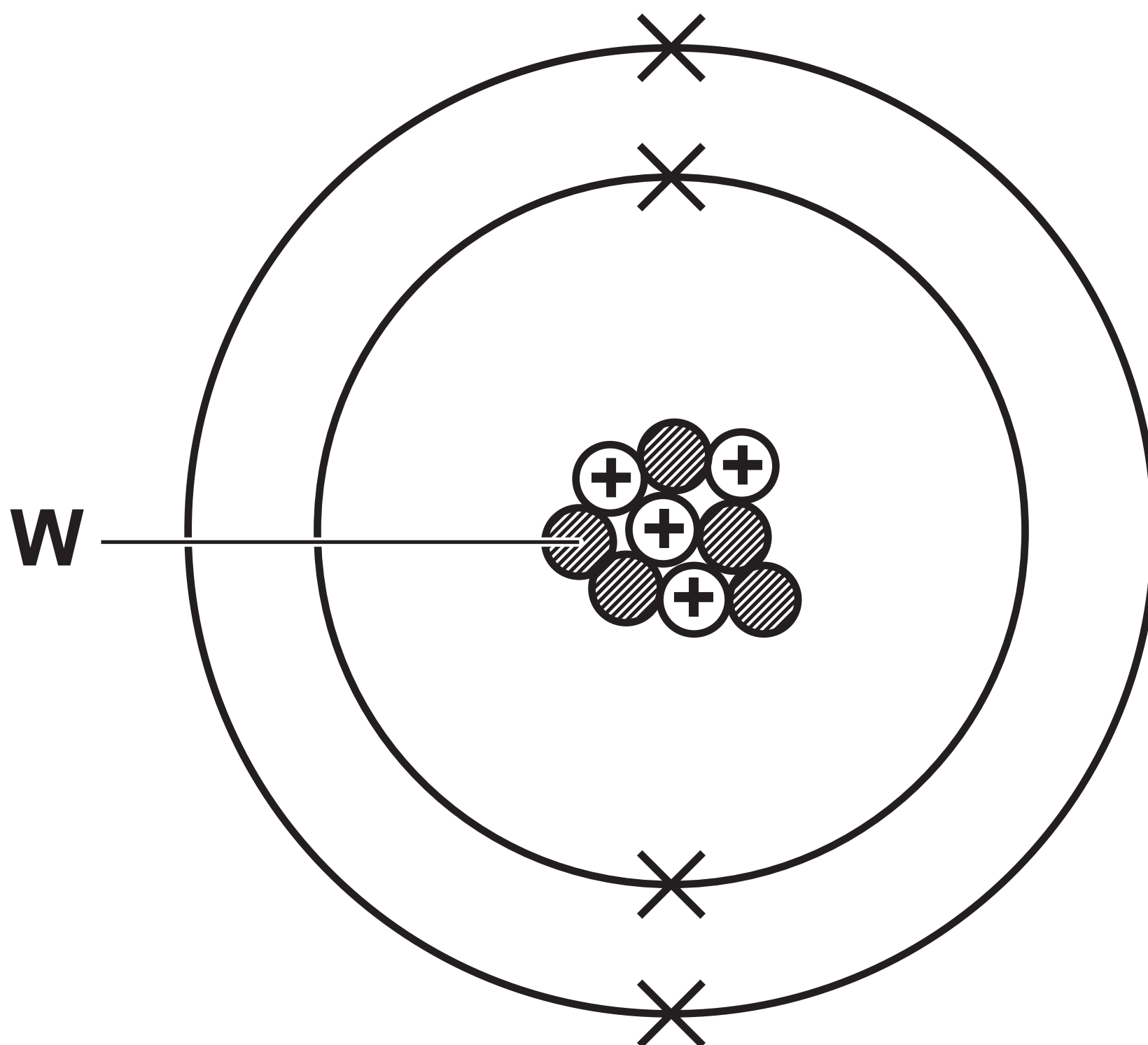
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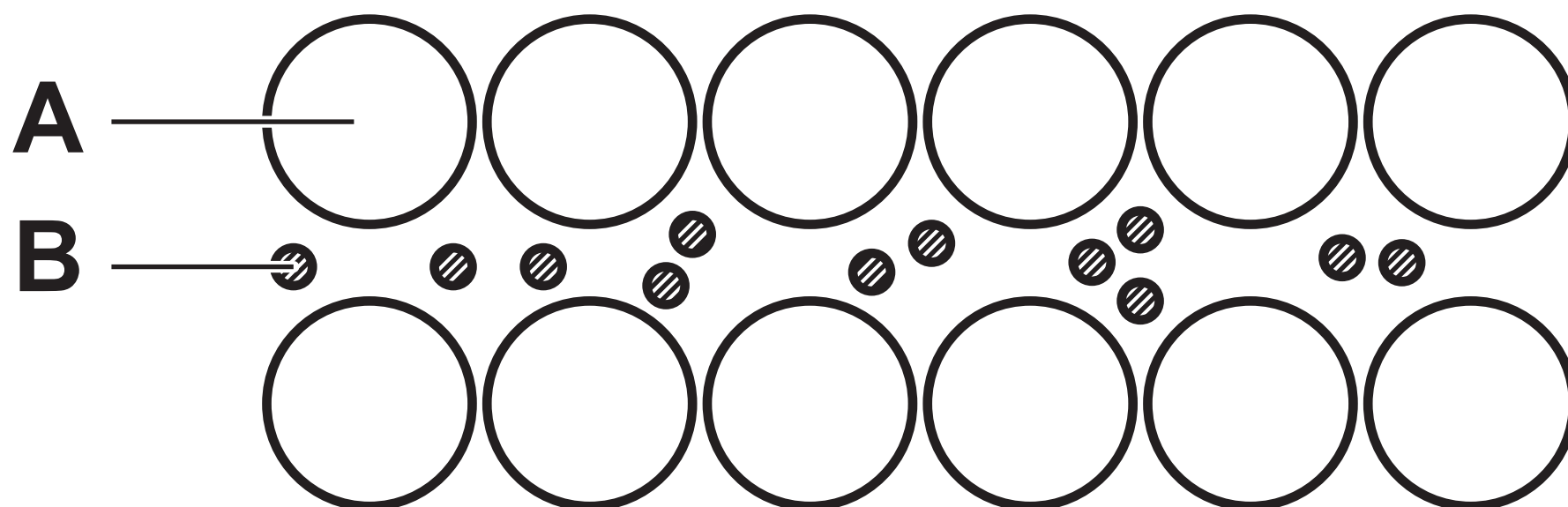
Question 1(a)



Question 2(a)



Question 3(a)(i)



Question 3(b)(i)

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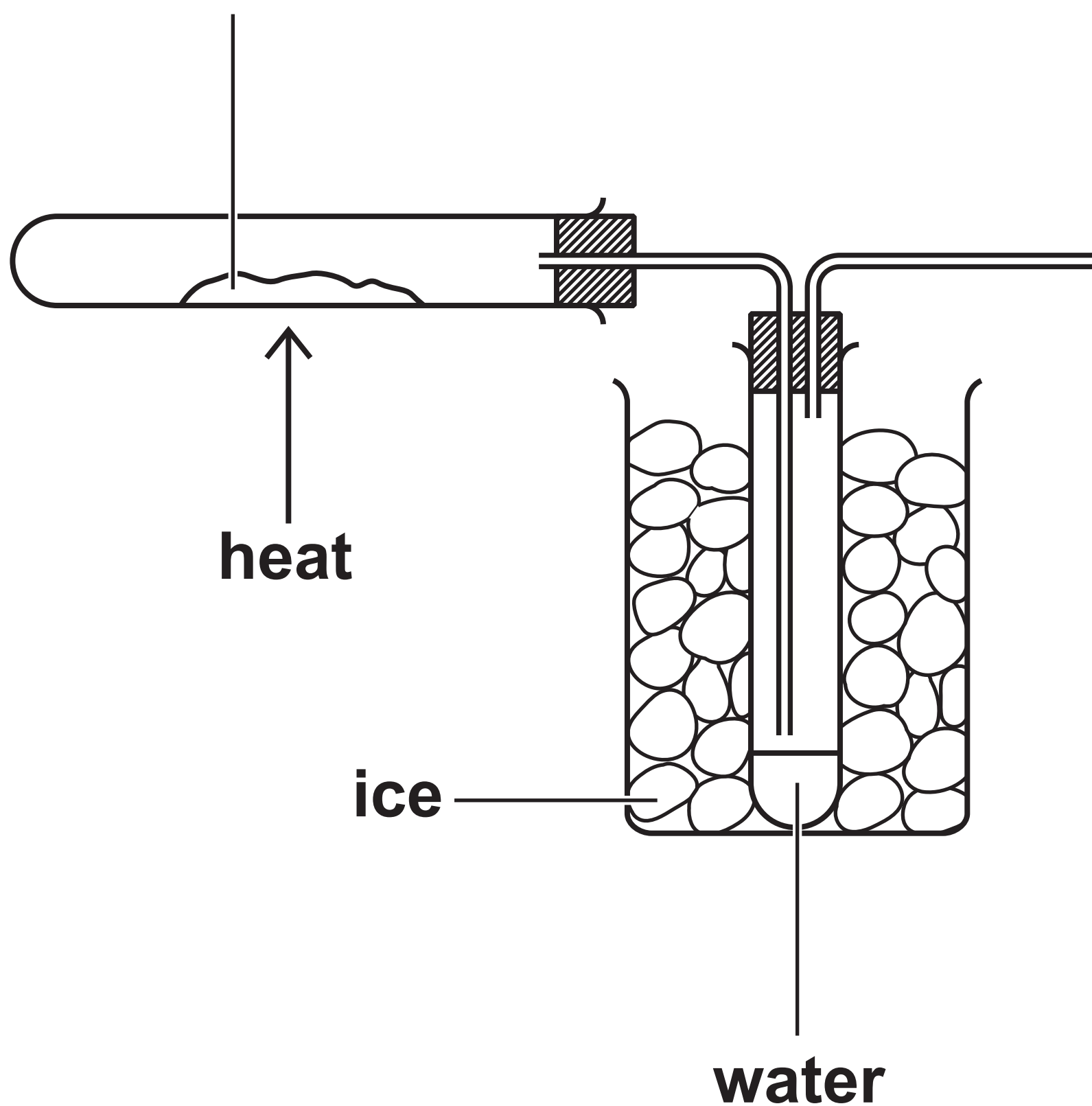
Question 4(c)(i)

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Question 5(c)

hydrated sodium sulfate



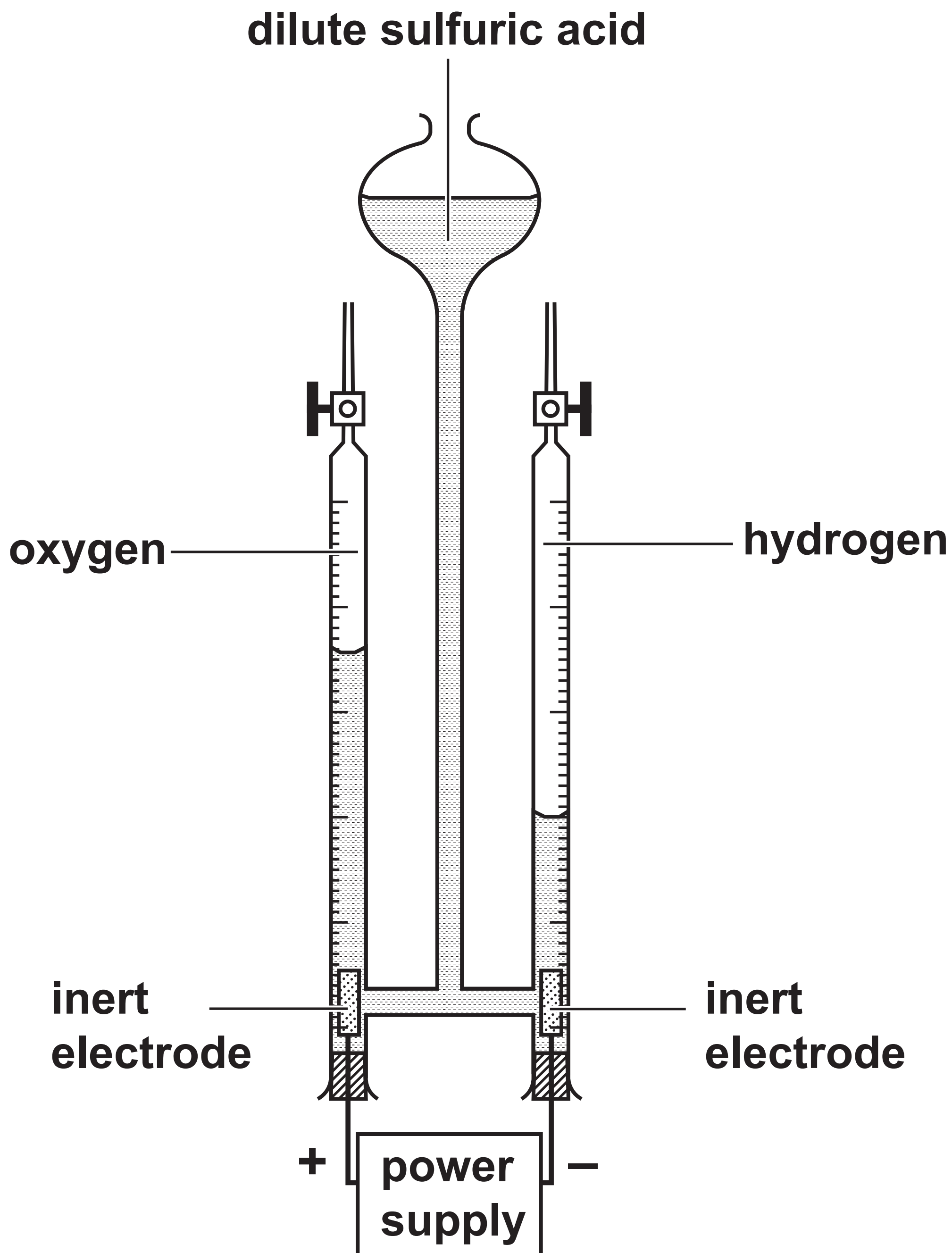
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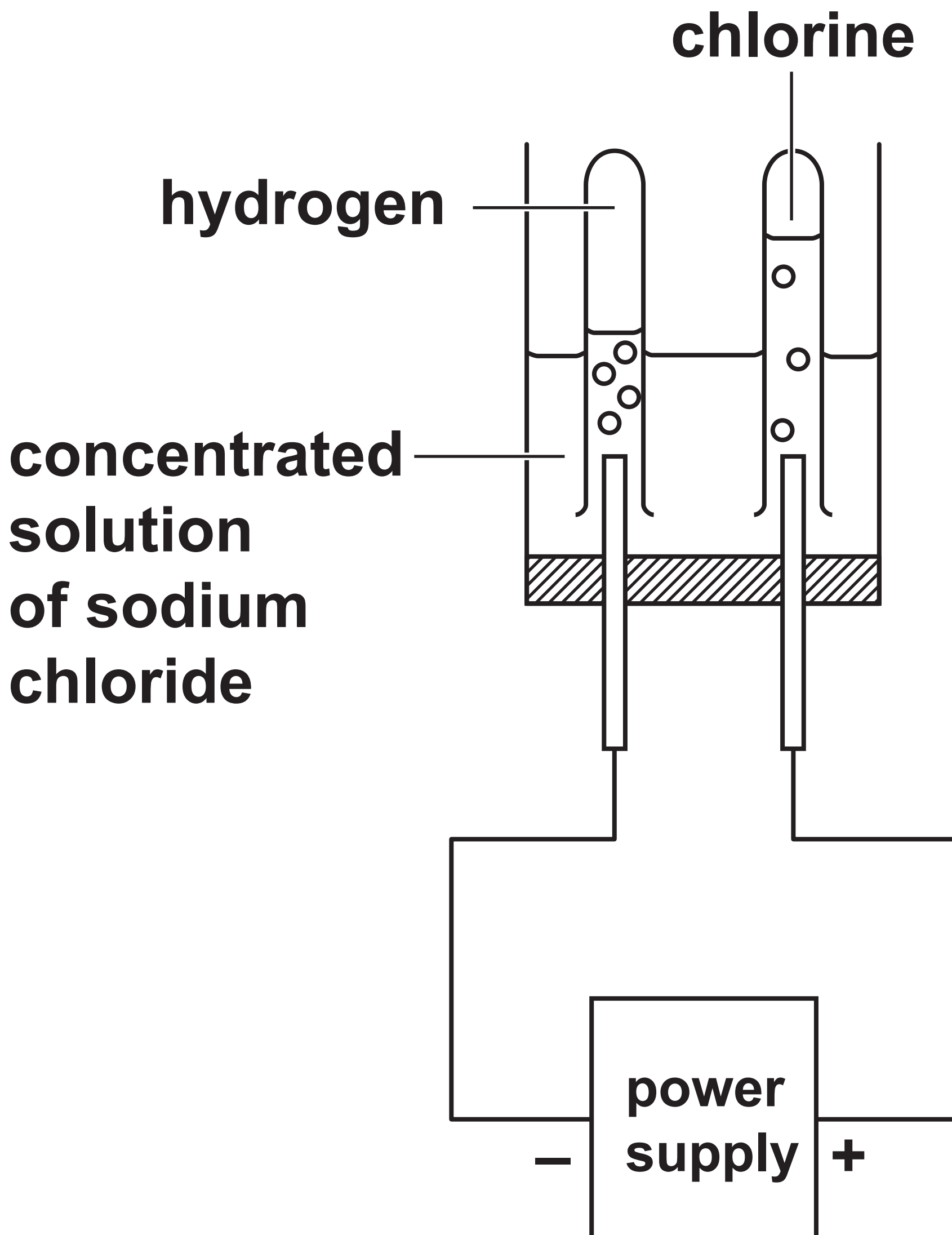
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Question 5(c) continued.

mass of empty test tube in g	25.12
mass of test tube and $\text{Na}_2\text{SO}_4 \cdot x\text{H}_2\text{O}$ in g	31.56
mass of test tube and Na_2SO_4 in g	27.96

Question 6(a)



Question 6(b)

Question 7(b)

Bond	Bond energy in kJ/mol
C—H	414
C=C	614
O—H	463
C—C	346
C—O	358

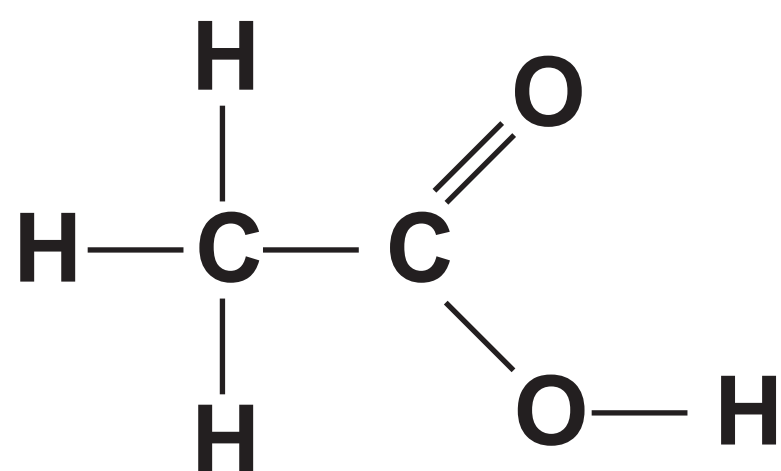
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Energy



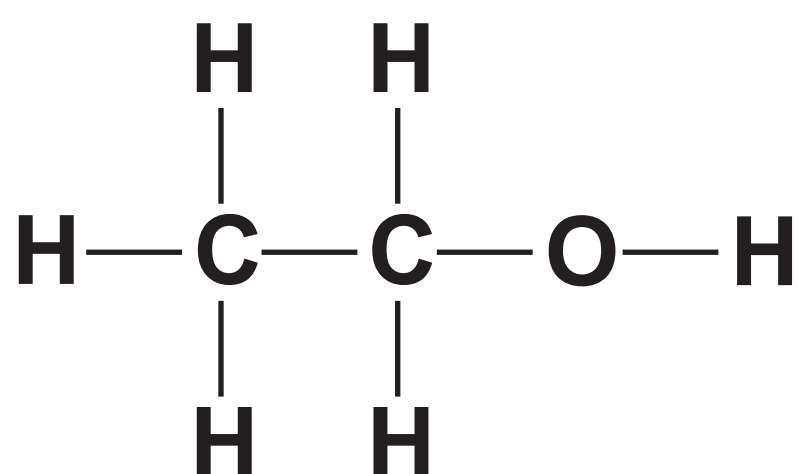
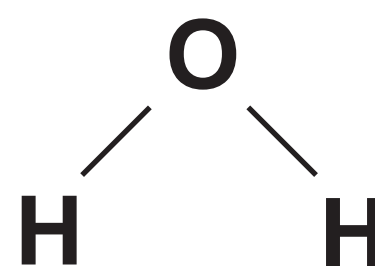
Question 7(c)(i)



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Question 3(b)(i)

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Question 4(c)(i)

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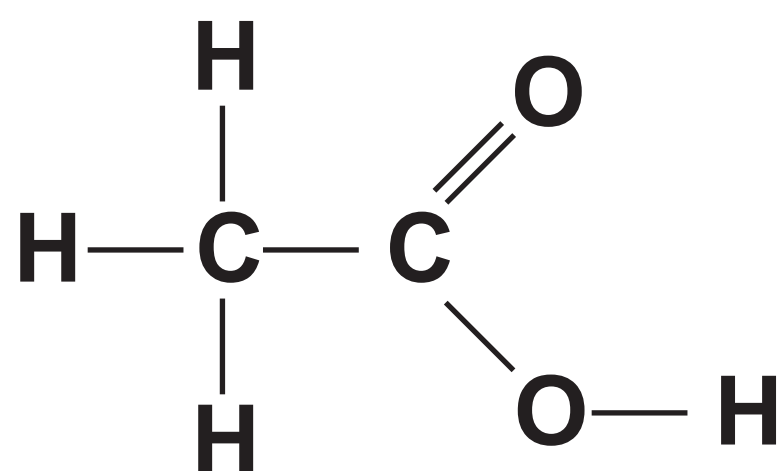
Question 7(b)(iii)

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Energy



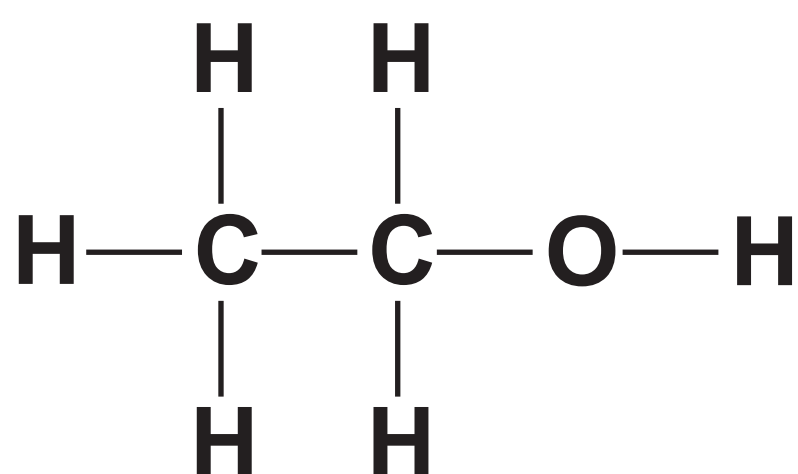
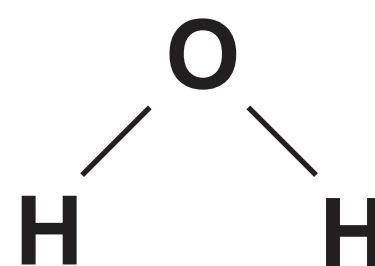
Question 7(c)(i)



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