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# GCSE BIOLOGY **H** AQA GCSE BIOLOGY HIGHER TIER PAPER 1H QP 2023

Higher Tier Paper 1H

Tuesday 16 May 2023

Morning

Time allowed: 1 hour 45 minutes

## Materials

For this paper you must have:

- a ruler
- a scientific calculator.

## Instructions

- Use black ink or black ball-point pen.
- Pencil should only be used for drawing.
- Fill in the boxes at the top of this page.
- Answer **all** questions in the spaces provided.
- If you need extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.
- In all calculations, show clearly how you work out your answer.

## Information

- The maximum mark for this paper is 100.
- The marks for questions are shown in brackets.
- You are expected to use a calculator where appropriate.
- You are reminded of the need for good English and clear presentation in your answers.

For Examiner's Use	
Question	Mark
1	
2	
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4	
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6	
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 $2 \text{ } 3 \text{ ca} + \text{oh} + 2 \text{ } 1 \text{ al} + 2 \text{ so}_4 \rightarrow 3 \text{ caso}_4 + 2 \text{ al oh} + 3$  type of reaction double displacement  
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 $\text{oh} + \text{ca} + \text{oh} + \text{mgso}_4 + 2 \text{ } 2 \text{ } 4 \text{ nh}_4\text{oh} + \text{hbr} + \text{h}_2\text{o} + \text{nh}_4\text{br} + \text{pb} + \text{o}_2 + \text{pbo}_2 + \text{na}_2\text{co}_3 + \text{na}_2\text{o} + \text{co}_2 + \text{c} + 4 \text{ h}_8\text{go} + 4 \text{ co}_2 + 2 \text{ } 4 \text{ h}_2\text{o} + \text{hcl} + \text{naoh} + \text{h}_2\text{o} + \text{nacl}$

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