Cambridge Assessment International Education

# Cambridge International AS & A Level

**CHEMISTRY** **9701/12**

Paper 1 Multiple Choice **May/June 2023**

MARK SCHEME

Maximum Mark: 40

**Published**

This mark scheme is published as an aid to teachers and candidates, to indicate the requirements of the examination.

Mark schemes should be read in conjunction with the question paper and the Principal Examiner Report for Teachers.

Cambridge International will not enter into discussions about these mark schemes.

Cambridge International is publishing the mark schemes for the May/June 2023 series for most Cambridge IGCSE, Cambridge International A and AS Level and Cambridge Pre-U components, and some Cambridge O Level components.



© UCLES 2023

| Question | Answer | Marks |
|---|---|---|
| 1 | C | **1** |
| 2 | B | **1** |
| 3 | D | **1** |
| 4 | C | **1** |
| 5 | B | **1** |
| 6 | D | **1** |
| 7 | B | **1** |
| 8 | B | **1** |
| 9 | B | **1** |
| 10 | D | **1** |
| 11 | C | **1** |
| 12 | B | **1** |
| 13 | B | **1** |
| 14 | B | **1** |
| 15 | C | **1** |
| 16 | C | **1** |
| 17 | D | **1** |
| 18 | D | **1** |
| 19 | C | **1** |
| 20 | A | **1** |
| 21 | B | **1** |
| 22 | A | **1** |
| 23 | A | **1** |
| 24 | C | **1** |
| 25 | A | **1** |
| 26 | B | **1** |
| 27 | B | **1** |
| 28 | D | **1** |

© UCLES 2023

| Question | Answer | Marks |
|---|---|---|
| 29 | C | **1** |
| 30 | D | **1** |
| 31 | C | **1** |
| 32 | D | **1** |
| 33 | C | **1** |
| 34 | B | **1** |
| 35 | D | **1** |
| 36 | A | **1** |
| 37 | D | **1** |
| 38 | C | **1** |
| 39 | C | **1** |
| 40 | B | **1** |

© UCLES 2023