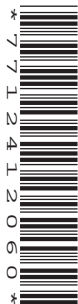


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Oxford Cambridge and RSA

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**Thursday 16 May 2019 – Morning****GCSE (9–1) Chemistry B (Twenty First Century Science)****J258/03 Breadth in Chemistry (Higher Tier)****Time allowed: 1 hour 45 minutes****You must have:**

- the Data Sheet (for GCSE Chemistry B (inserted))
- a ruler (cm/mm)

**You may use:**

- a scientific or graphical calculator
- an HB pencil

Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

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Last name

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**INSTRUCTIONS**

- Use black ink. You may use an HB pencil for graphs and diagrams.
- Answer **all** the questions.
- Where appropriate, your answers should be supported with working. Marks may be given for a correct method even if the answer is incorrect.
- Write your answer to each question in the space provided. If additional space is required, use the lined page(s) at the end of this booklet. The question number(s) must be clearly shown.

**INFORMATION**

- The total mark for this paper is **90**.
- The marks for each question are shown in brackets [ ].
- This document consists of **24** pages.

















































