

**GENERAL CERTIFICATE OF SECONDARY EDUCATION
 TWENTY-FIRST CENTURY SCIENCE
 BIOLOGY A**

A163/02

Unit 3: Module B1 (Higher Tier)

Candidates answer on the question paper.
 A calculator may be used for this paper.

OCR Supplied Materials:
 None

Other Materials Required:

- Pencil
- Ruler (centimetre)

Duration: 1 hour

**Candidate
 Surname**

**Candidate
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INSTRUCTIONS TO CANDIDATES

- Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
- Use black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure that you know what you have to do before starting your answer.
- Answer **all** the questions.
- Write your answer to each question in the space provided, however, additional paper may be used if necessary.

INFORMATION FOR CANDIDATES

- Your quality of written communication is assessed in questions marked with a pencil (C-T).
- The number of marks for each question is given in brackets [] at the end of the question or part question.
- The total number of marks for this paper is **60**.
- This document consists of **16** pages. Any blank pages are indicated.

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	Mark	Marks
1	10	
2	10	
3	10	
4	10	
5	10	
6	10	
7	10	
8	10	
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