



MINISTRY OF EDUCATION, SINGAPORE  
in collaboration with  
CAMBRIDGE ASSESSMENT INTERNATIONAL EDUCATION  
General Certificate of Education Advanced Level  
Higher 2

CANDIDATE  
NAME

CENTRE  
NUMBER

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INDEX  
NUMBER

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## FURTHER MATHEMATICS

**9649/02**

Paper 2

**For examination from 2025**

SPECIMEN PRINTED ANSWER BOOKLET

**3 hours**

Candidates answer on the Printed Answer Booklet.

### READ THESE INSTRUCTIONS FIRST

Write your name, Centre number and index number on the work you hand in.

Write your answer to each question in the space provided in the Printed Answer Booklet. If additional space is needed, you should use the additional pages at the end of this booklet; the question number or numbers must be clearly shown.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams or graphs.

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This document consists of **18** printed pages and **2** blank pages.



Singapore Examinations and Assessment Board



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**Section A: Pure Mathematics [50 marks]**

<b>1(a)(i)</b>	
<b>1(a)(ii)</b>	
<b>1(b)(i)</b>	
<b>1(b)(ii)</b>	
<b>1(b)(iii)</b>	

**2(a)**

**2(b)**

<b>3(a)</b>	
<b>3(b)(i)</b>	
<b>3(b)(ii)</b>	

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<b>4(a)</b>	
<b>4(b)(i)</b>	
<b>4(b)(ii)</b>	

<b>4(b)(iii)</b> <b>(A)</b>	
<b>4(b)(iii)</b> <b>(B)</b>	
<b>4(b)(iii)</b> <b>(C)</b>	

<b>5(a)(i)</b>	
<b>5(a)(ii)</b>	
<b>5(b)(i)</b>	



**5(b)(ii)****5(b)(iii)**

## Section B: Probability and Statistics [50 marks]

<b>6(a)</b>	
<b>6(b)</b>	
<b>6(c)(i)</b>	
<b>6(c)(ii)</b>	

**7(a)**

**7(b)**

**8(a)(i)****8(a)(ii)**

**8(b)**

**8(c)**

<b>9(a)</b>	
<b>9(b)</b>	
<b>9(c)</b>	
<b>9(d)</b>	



<b>10(a)(i)</b>	
<b>10(a)(ii)</b>	
<b>10(b)</b>	



<b>10(c)</b>	
<b>10(d)</b>	

**10(e)**

**Additional page**

If you use the following page to complete the answer to any question, the question number must be clearly shown.

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**Additional page**

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