Directions
Do not write in this book during perusal time.
You must:
• start your response to each question on a new page
• cross out any draft work that is not to be assessed
• show intermediate results indicating the accurate and appropriate use of mathematical terms and symbols
• show sufficient working to justify your responses

After the examination session
The supervisor will collect this book when you leave.

Criterion Standard awarded
Communication and justification (CJ)
Knowledge and procedures (KP)
Modelling and problem solving (MP)

Modelling and problem solving (MP)
Complexity/initiative increasing

<table>
<thead>
<tr>
<th>Part</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Question</td>
<td>MC</td>
<td>4b</td>
</tr>
<tr>
<td>Result</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Print your candidate number here

Supervisor’s initials

QSA use only

Marker number

Number of books used

Supervisor use only
Question 5a i and ii