

**Modified Enlarged 36pt**  
**OXFORD CAMBRIDGE AND RSA EXAMINATIONS**

**Friday 16 June 2023 – Afternoon**

**AS Level Further Mathematics B (MEI)**

**Y414/01 Numerical Methods**

**Insert for Question 6 (a)**

**Time allowed: 1 hour 15 minutes**  
**plus your additional time allowance**

**Please write clearly in black ink.**

**Centre number**

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**Candidate number**

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**First name(s)** \_\_\_\_\_

**Last name** \_\_\_\_\_

**READ INSTRUCTIONS OVERLEAF**



## **INSTRUCTIONS**

**Use black ink. You can use an HB pencil, but only for graphs and diagrams.**

**Write your answer to each question in the space provided in the PRINTED ANSWER BOOKLET. If you need extra space use the lined pages at the end of the Printed Answer Booklet. The question numbers must be clearly shown.**

**Answer ALL the questions.**

**Where appropriate, your answer should be supported with working. Marks might be given for using a correct method, even if your answer is wrong.**

**Give your final answers to a degree of accuracy that is appropriate to the context.**

## **ADVICE**

**Read each question carefully before you start your answer.**

6(a)

$t$	$W$	$\Delta W$	$\Delta^2 W$	$\Delta^3 W$
<b>0</b>	<b>35.90</b>			
<b>1</b>	<b>33.91</b>			
<b>2</b>	<b>32.38</b>			
<b>3</b>	<b>31.25</b>			
<b>4</b>	<b>30.46</b>			

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