	R	SPECIMEN
GENERAL MATHEM	CERTIFICATE OF SECONDARY EDUCATION	B272/B
MODULE	M2 – SECTION B	
SPECIME	N	
Candidates a	answer on the question paper.	Time: 30 minutes
Additional Ma G T E	aterials: eometrical instruments racing paper (optional) lectronic calculator	
Candidate Name		
Centre Number	Candidate	
 INSTRUCTIONS Write your na Answer all th Use blue or th Read each quanswer. In many quee Do not write Do not write WRITE YOU ELSEWHER INFORMATION You are expendent of the number The total number of the section R sectio	TO CANDIDATES ame, centre number and candidate number in the base questions. black ink. Pencil may be used for graphs and diagra uestion carefully and make sure you know what yo stions marks will be given for a correct method ever in the bar code. outside the box bordering each page. R ANSWER TO EACH QUESTION IN THE SPACE E WILL NOT BE MARKED. FOR CANDIDATES ected to use a calculator in Section B of this paper. of marks is given in brackets [] at the end of each of nber of marks for this section is 25.	oxes above. ams only. u have to do before starting your n if the answer is incorrect. E PROVIDED. ANSWERS WRITTEN question or part question.
	This document consists of 8 printed	pages.

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10 Simon needs to hire a car for seven days. He gets the costs from two companies.

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4

(a) Work out the cost of hiring a car from Cars 'R' Us for 7 days.

(a) £ [2] (b) Which company is cheaper for seven days, and by how much? (b) is cheaper by £ [3] 5

5	
11 (a) Measure angle A.	
A	
	(a) <u>°</u> [1]
(b) Draw a reflex angle in the space below. Label the angle B.	[1]
	2
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				6			
12	(a)	Martin recorded Here are his res	the temperature ults for five days	es, in degrees Cels s.	sius, each mornir	ıg.	
		Monday	Tuesday	Wednesday	Thursday	Friday	
		2	- 4	- 1	3	0	
		Write these temp	peratures in ord	er, lowest first.			
		lowest					[2]
	(b)	The temperature	e at 6 am on Tue	esday was −4°C.			
		By 11 am it had	gone up by 5 de	egrees.			
		What was the te	mperature at 11	am?			
				(b)		°C	[1]
						3	
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			7			
13	(a)	(i)	Jim works in a garden centre at weekend In April he was paid £228.	ls.		
			He gave his mother 25% of this.			
			Work out 25% of £228.			
			(4	a)(i)	£	2]
			·	,,,,		-
		(ii)	In May he worked for six days.			
			He was paid £171 altogether.			
			How much was he paid each day?			
				(ii)	£[2	2]
	(b)	In a	a sale each plant costs £3.25.			
		Ala	n buys 17 plants.			
		Wo	rk out the total cost.			
				(h)	с т	51
				(0)	[4	2]
					6	
					[Turn ove	r
© 0	CR 200	07				

									8	B			
14	Thes	e are	the a	iges (of the	e mei	mber	s of a	a runi	ning	club.		
	19) 22	31	31	17	35	25	21	19	31	24		
	(a)	Write	dow	n the	mod	lal aç	je.				(a)		[1]
	(b)	Work	out t	he m	edia	n age	Э.						
											(b)		[2]
	(c)	A nev The r	v me noda	mber I age	joins does	s the s not	club. char	nge, l	out th	ie me	edian a	age goes down to 23.	
		Write	dow	n a p	ossik	ole aç	ge foi	r the	new	mem	ber of	f the club.	
											(c)		[2]
	Socti	on B T	[otal	[25]								5	
	Section	ы	lotal	[25]									
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OXFORD CAMBRIDGE AND RSA EXAMINATIONS

General Certificate of Secondary Education

MATHEMATICS C

MODULE M2 – SECTION B

Specimen Mark Scheme

The maximum mark for this paper is 25.

B272/B

9	(a)	Cube	1			accept cuboid
	(b)	YNNY	2		W1	for 3 correct (blanks = N)
	(c)	Top right-most corner	1			
			4			
10	(a)	16 x 7 + 42 154	M1 A1		W2	or W2
	(0)	NICK'S Cars 4	5		W1 SC2 SC1	ft <i>their</i> two costs <i>or</i> 18 x 7 + 24 Nick's and 112 406 and 294
			Э			
11	(a)	133 – 137	1			
	(b)	Reflex angle drawn with	1			
		correct angle labelled B				
			2			
12	(a)	-4-1023	2			1 for correct first and last
	(b)	1	1			
			3			
10	(-)(i)		MA			
13	(a)(l)	attempt at 228 ÷ 4 57	A1			or W2
	(ii)	attempt 171÷ 6	M1			Implied by figs 285
	()	28.50	A1			or W2
	(b)	attempt at 3.25 x 17	M1			Allowing adding, implied by figs
						'5525'
		55.25	A1			
			U			
14	(a)	31	1			
	(b)	24	2		W1	For ordered list, condone 1 error
		Any age of 22 or less	2		W1	
		not 19	_		•••	
			5			

Section B Total 25

Assessment Objectives Grid

Question	AO2	AO3	AO4	Total
9		4		4
10	5			5
11		2		2
12	3			3
13	6			6
14			5	5
Totals	14	6	5	25

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