 FOR OFFICIAL USE	
National Qualifications 2021 ASSESSMENT RESOURCE	Mark

X802/77/01

Mathematics of Mechanics Answer booklet

Duration — 2 hours 50 minutes							*)	(8 C	2 7	7 0	1 *
Fill in these box	ces and read v	vhat is printe	ed below.								
Full name of ce	ntre			Tow	n						
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Date of bir	th										
Day	Month	Year	Scottish	candida	ate ni	umbe	r				

Write your answers clearly in the spaces provided in the answer booklet. The size of the space provided for an answer is not an indication of how much to write. You do not need to use all the space.

Additional space for answers is provided at the end of the answer booklet. If you use this space you must clearly identify the question number you are attempting.

Use blue or black ink.

Before leaving the examination room you must give this booklet to the Invigilator; if you do not, you may lose all the marks for this paper.





QUESTION NUMBER	SECTION 1	DO NOT WRITE IN THIS
1.		MARGIN

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
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2.		

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
3.(a)	MARGIN	
3.(b)		

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN
4.(a)	MARGIN
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4.(b)	

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6.(a)	MARGIN	
6.(b)		
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QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
7.(a) (i)	MARGIN	
(i)		
7.(a) (ii)		
(ii)		

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
7.(b)	MARGIN	

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
8.(a)	MARGIN	
8.(b)		

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 9.(a) (i)

QUESTION NUMBER	DO NOT WRITE IN	
9.(a) (ii)	DO NOT WRITE IN THIS MARGIN	
9.(b)		
7.(5)		

10. AMARIN AMARI	QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
	10.	MARGIN	

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN
11.	MARGIN

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12.	MARGIN

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
13.(a)	MARGIN	
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QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
13.(b)	MARGIN	
13.(c)		

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 14.(a)

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 14.(b) [END OF SECTION 1]

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QUESTION NUMBER	SECTION 2 — Part A	DO NOT WRITE IN THIS MARGIN	
15.(a) (i)		MARGIN	
(i)			
45 ()			
15.(a) (ii)			

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 15.(b)

QUESTION NUMBER	DO NOT WRITE IN THIS MARGIN	
16.(a)	MARGIN	
16.(b)		
16.(b) (i)		

QUESTION NUMBER		DO NOT WRITE IN THIS MARGIN	1
16.(b) (i) (cont)		MARGIN	
(cont)			
16 (b)			
16.(b) (ii)			
	[END OF PART A]		



QUESTION NUMBER	SECTION 2 — Part B	DO NOT WRITE IN THIS MARGIN	ĺ
17.(a)		MARGIN	
17.(b)			
17.(5)			

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 18.(a)

DO NOT WRITE IN THIS MARGIN QUESTION NUMBER 18.(b)

[END OF SECTION 2]



ADDITIONAL SPACE FOR ANSWERS OF QUESTION	DO NOT WRITE IN THIS MARGIN

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Question Marks

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