FOR OFFICIAL USE

National Qualifications 2022 MODIFIED

Mark

X802/77/01

Mathematics of Mechanics
Answer booklet

WEDNESDAY, 11 MAY

1:00 PM – 3:50 PM

X802770 1

Fill in these boxes and read what is printed below.

Full name of centre

Town

Forename(s)

Surname

Number of seat

Date of birth

Day

Month

Year

Scottish candidate number

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.

SQA ©

X802770101

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

X802770102

QUESTION NUMBER

DO NOT WRITE IN THIS MARGIN

2.

X802770103

QUESTION NUMBER

3.(a)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 0 4

QUESTION NUMBER

3.(b)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 0 5

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

X802770106

QUESTION NUMBER

5.

DO NOT WRITE IN THIS MARGIN

X802770107

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

X 8 0 2 7 7 0 1 0 8

QUESTION NUMBER

DO NOT WRITE IN THIS MARGIN

7.

*X 8 0 2 7 7 0 1 0 9 *

QUESTION NUMBER

8.

DO NOT WRITE IN THIS MARGIN

X802770110

QUESTION NUMBER

9.

DO NOT WRITE IN THIS MARGIN

X802770111

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

X 8 0 2 7 7 0 1 1 2

QUESTION NUMBER

10.(c)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 1 3

QUESTION NUMBER

11.

DO NOT WRITE IN THIS MARGIN

X802770114

QUESTION NUMBER

12.(a)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 1 5

QUESTION NUMBER

12.(b)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 1 6

QUESTION NUMBER

13.(a)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 1 7

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

QUESTION NUMBER		DO NOT WRITE IN THIS MARGIN
14.(b) (i)		
14.(b) (ii)		

X802770119

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

X802770120

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

X802770121

QUESTION NUMBER

16.(a)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 2 2

QUESTION NUMBER

16.(b)

DO NOT WRITE IN THIS MARGIN

X 8 0 2 7 7 0 1 2 3

QUESTION NUMBER

16.(c)

DO NOT WRITE IN THIS MARGIN

ENTER NUMBER OF QUESTION

ADDITIONAL SPACE FOR ANSWERS

DO NOT WRITE IN THIS MARGIN

X802770125

ENTER NUMBER OF QUESTION

ADDITIONAL SPACE FOR ANSWERS

DO NOT WRITE IN THIS MARGIN

X802770126

ENTER NUMBER OF QUESTION

ADDITIONAL SPACE FOR ANSWERS

DO NOT WRITE IN THIS MARGIN

X802770127

For marker's use	
Question	Marks

X802770128