



Please write clearly in block capitals.

Centre number

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Candidate number

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Surname

Forename(s)

Candidate signature

I declare this is my own work.

GCSE GEOGRAPHY

Year 10 Mock Exam

Natural Hazards Resource Management

Time allowed: 45 minutes

Materials

For this paper you must have:

- a pencil
- a rubber
- a ruler.

You may use a calculator.

Instructions

- Use black ink or black ball-point pen.
- Fill in the boxes at the top of this page.

Answer all questions.

For Examiner's Use	
Question	Mark
1 Natural Hazards	
2 Resource Management	
TOTAL	
%	%
Grade	

- You must answer the questions in the spaces provided. Do not write outside the box around each page or on blank pages.
- If you need additional extra space for your answer(s), use the lined pages at the end of this book. Write the question number against your answer(s).
- Do all rough work in this book. Cross through any work you do not want to be marked.

Information

- The marks for questions are shown in brackets.
- The total number of marks available for this paper is 47.
- Spelling, punctuation, grammar and specialist terminology will be assessed in Question **01.10**.



J U N 2 2 8 0 3 5 1 0 1

There are no questions printed on this page

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ANSWER IN THE SPACES PROVIDED**




For the multiple-choice questions, shade the circle next to the correct answer.

CORRECT METHOD

WRONG METHODS

If you want to change your answer you must cross out your original answer as shown. 

If you wish to return to an answer previously crossed out, ring the answer you now wish to select as shown. 

Section A The challenge of natural hazards

Answer **all** questions in this section.

Question 1 The challenge of natural hazards

0 1 . 1 Which **one** of the following events is **not** an example of a natural hazard?

Shade **one** circle only.

[1 mark]

- A Tsunami
- B Earthquake
- C Volcanic eruption
- D Oil spill

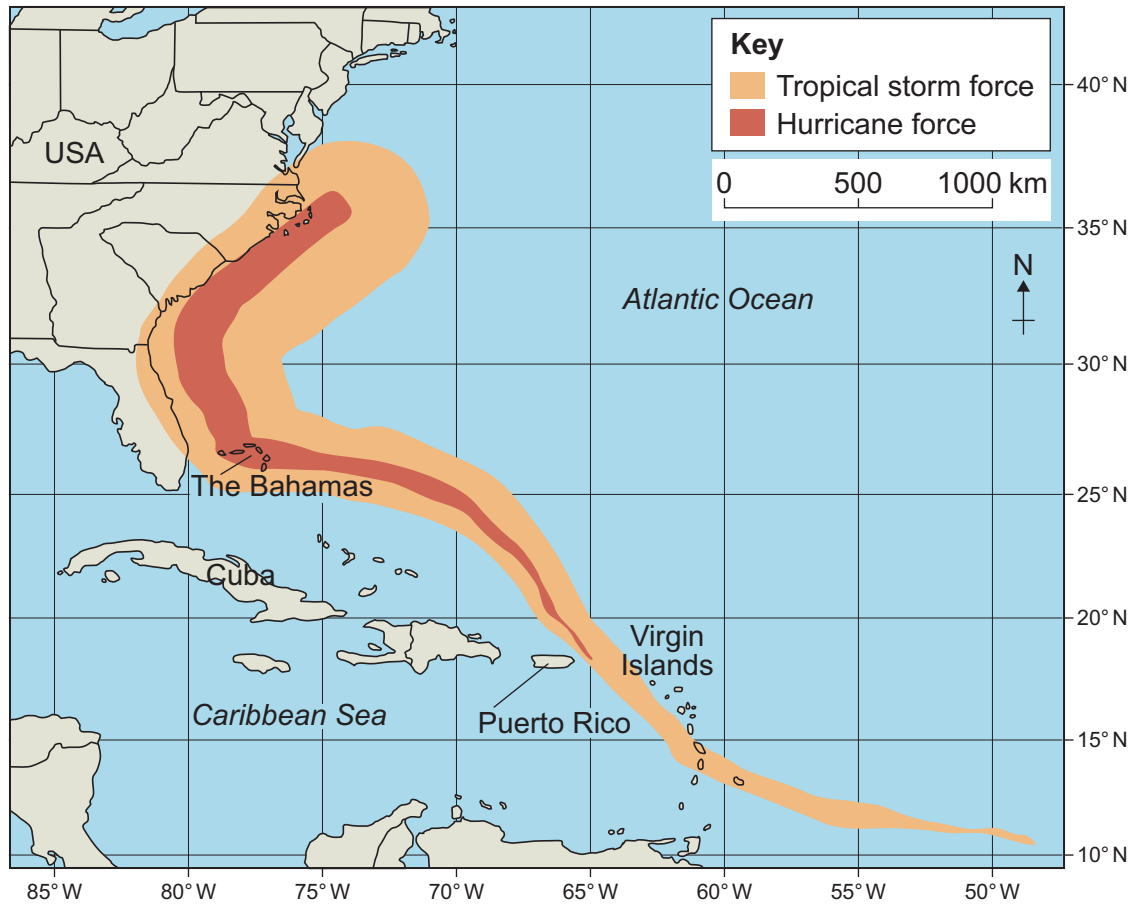
Question 1 continues on the next page

Turn over ►



Study **Figure 1**, a map showing the track of Hurricane Dorian in August and September 2019.

Figure 1



0 1 . 2 Using **Figure 1**, which **one** of the following statements is true?

Shade **one** circle only.

[1 mark]

- A** Hurricane Dorian started south of the Equator.
- B** Hurricane Dorian passed to the west of Cuba.
- C** Hurricane Dorian passed close to the east coast of the USA.
- D** Hurricane Dorian reached 40° north.



0 1 . 3 Using **Figure 1**, measure the distance travelled by Hurricane Dorian at hurricane force.

[2 marks]

_____ km

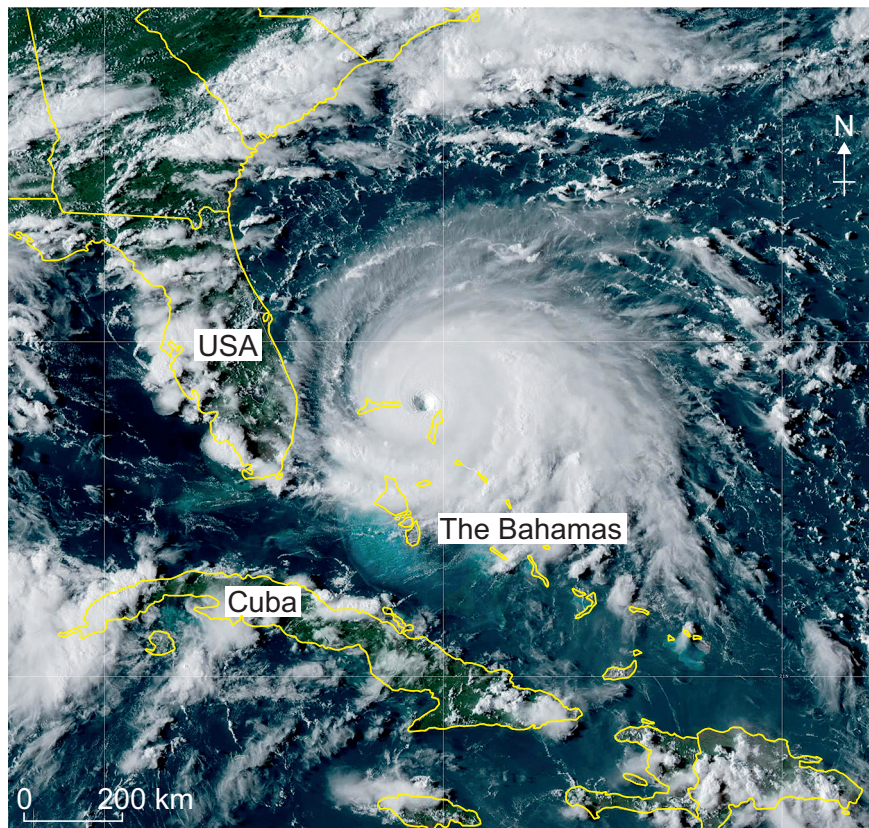
Question 1 continues on the next page

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Study **Figure 2**, a satellite image showing Hurricane Dorian over The Bahamas on 1 September 2019.

Figure 2



0 1 . 4 Using **Figure 2**, identify **two** features of Hurricane Dorian.

[2 marks]

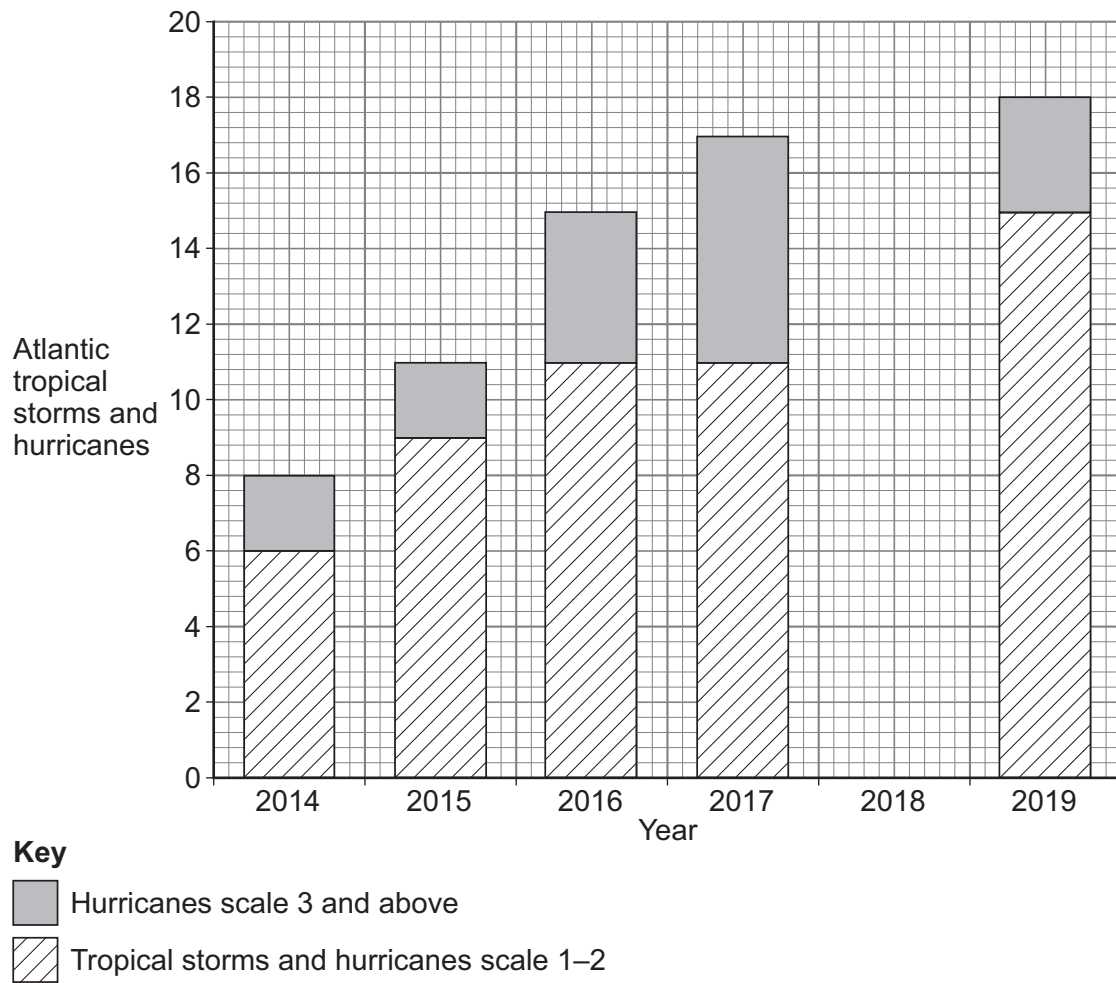
1 _____

2 _____



Study **Figure 3**, a divided bar graph showing the total number of Atlantic tropical storms and hurricanes between 2014–2019.

Figure 3



0 1 . 5 Use the data from the following table to complete **Figure 3**.

[2 marks]

Year	Number of tropical storms and hurricanes scale 1–2	Number of hurricanes scale 3 and above
2018	13	2

0 1 . 6 Suggest **one** reason for the increase in the total number of tropical storms and hurricanes shown in **Figure 3**.

[1 mark]

Turn over ►



0 1 . 7

Outline **one** way that planning can reduce the impact of tropical storms.

[2 marks]

Study **Figure 4**, photographs showing some of the impacts of extreme weather in the UK.

Figure 4



Higher summer temperatures and lower rainfall in some areas have increased the risk of moorland fires.



Higher rainfall and more storm events have increased the risk of flooding.

0 1 . 8

'UK weather is becoming more extreme.'

Do you agree?

Use **Figure 4** and your own understanding.

[6 marks]



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Question 1 continues on the next page

Turn over ►



0 1 . 9

Explain why earthquakes and volcanic eruptions take place along destructive plate margins.

[4 marks]

Extra space

0 1 . 1 0

To what extent do the effects of a tectonic hazard vary between areas of contrasting wealth?

Use **one or more** named examples in your answer.

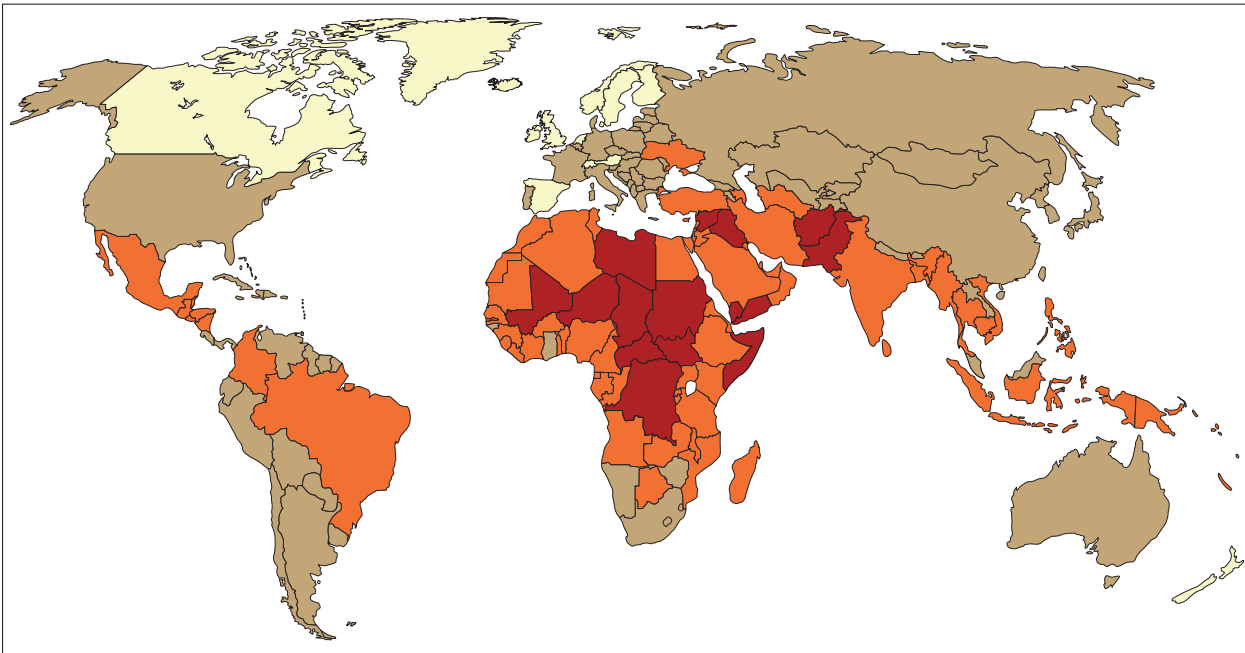
[9 marks]

[+ 3 SPaG marks]



Question 2 **The challenge of resource management**

Study **Figure 10**, a world map showing a measure of well-being for women in 2019.

Figure 10**Key**

0–0.57
 0.58–0.71
 0.72–0.86
 0.87–1.00

The higher the score the better women's well-being.

0 2 . 1

Which of the following continents has the largest number of countries with a score of 0–0.57?

Shade **one** circle only.

[1 mark]

A Africa

B Asia

C Europe

D South America



0 2 . 2

Suggest how poor water supply may affect social well-being.

[3 marks]

0 2 . 3

Explain how changing demand for food has affected the UK's carbon footprint.

[4 marks]

Extra space _____

Turn over ►



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14

