

Hazardous environments -2	Name:	
	Class:	
	Date:	
Time:		
Total Marks Available:		
Total Marks Archived:		
Level: IGCSE Mathematics A		
Subject: Geography		
Exam Board: Edexcel IGCSE Geography- it is how	ever suitable for use by mathematics student of	
other boards		
Topic: Hazardous environments -2		
Type: Topic Questions		

To be used by all students preparing for Edexcel IGCSE Geography- Students of other Boards may also find this useful



Questions

Q1.

Investigating river environments

A group of students has undertaken a geographical enquiry exploring changes in a river channel. The students used annotated field sketches as part of their data collection. Suggest **one** advantage and **one** disadvantage of this technique.

Advantage
Disadvantage
EXAM PAPERS PRACTICE
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(Total for question = 4 marks)

(4)

Q2.

Hazardous environments



(8)

Study Figure 3c in the Resource Booklet.

Analyse the differences between these three earthquakes.
EXAM PAPERS PRACTICE



	(Total for question = 8 marks)
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Q3.	
Hazardous environments	
Study Figure 3c in the Resource Booklet.	
Analyse the different strategies for preparing for earthquakes.	
	(8)
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(Total for question = 8 marks)

Q4.

Hazardous environments

Study Figure 3c in the Resource Booklet.

Analyse the hazard risk from this predicted distribution of tropical cyclones.



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(8)

(Total for question = 8 marks)

Q5.

Hazardous Environments.

Study Figure 3c and Figure 3d in the Resource Booklet.

Analyse the use of hazard, vulnerability and risk mapping in reducing the impact of earthquakes.

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EXAM PAPERS PRACTI	CE

(Total for question = 8 marks)

Q6.

Hazardous environments

Answer the question with a cross in the box you think is correct . If you change your mind about an answer, put a line through the box and then mark your new answer with a cross.



(iii) Explain one economic impact of a tropical cyclone hazard. (2) (Total for question = 4 marks) Q7. Hazardous Environments. (i) State one measure of earthquake intensity.		
C Send emergency aid to countries that experience cyclones. D Monitor any changes in groundwater levels. (ii) State one reason why people continue to live in areas at risk from natural hazard events. (iii) Explain one economic impact of a tropical cyclone hazard. (2) (2) (7) (7) (7) (7) (7) (8) (9) (9) (9) (1) (1) (1) (2) (2) (3) (4) (5) (6) (7) (7) (8) (8) (9) (9) (9) (9) (1) (1) (1) (1	\boxtimes	A Monitor earth movement with a seismograph.
D Monitor any changes in groundwater levels. (ii) State one reason why people continue to live in areas at risk from natural hazard events. (iii) Explain one economic impact of a tropical cyclone hazard. (2) (7) (7) (7) (7) (7) (7) (8) (9) (9) (1) (1) (1) (1) (2)		B Satellite technology to track development of storms.
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(i) State one measure of earthquake intensity.	Q7.	
(1)	Hazard	lous Environments.



(ii) State one characteristic of a volcanic eruption.
(1)
(iii) Evaluing and a great an another value avent
(iii) Explain one cause of an earthquake event.
(2)
(Total for question = 4 marks)
Q8. EXAM PAPERS PRACTICE
Investigating coastal environments
A group of students has undertaken a geographical enquiry exploring changes along a section of coastline.
You have studied a coastal environment as part of your own geographical enquiry.
Evaluate the effectiveness of the data presentation methods you used.
Enquiry question
(8)



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(Total for question = 8 marks)



Q9.

Hazardous environments

Explain one impact of a volcanic eruption.	
	(3)
(Total for ques	stion = 3 marks)
EXAM PAPERS PRACTI	CE
Q10.	
Hazardous environments	
Explain the causes of an earthquake.	
	(4)



(Total for question = 4 marks)
Q11.
Hazardous environments
Study Figure 3a in the Resource Booklet.
Explain two reasons why people continue to live in areas at risk from volcanoes.
(4)
1
EXAM PAPERS PRACTICE
2
(Total for question = 4 marks)

Q12.



Hazardous Environments

Study Figure 3a in the Resource Booklet.

Explain **two** reasons why people live in this hazardous area.



(Total for question = 4 marks)

Q13.

Hazardous environments

Study Figure 3b below.





Figure 3b

An area of volcanic activity in Antigua

Identify one advantage of living near the volcano shown in Figure 3b.

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(Total for question = 1 mark)

(1)

Q14.

Hazardous Environments.

Study Figure 3a in the Resource Booklet.

Suggest a factor that influences the cause and another factor that influences the direction of tropical cyclones.



		(4)
Cause:		
Odd3C.		
Direction:		
Birection.		
	(Total for question =	4 marks)
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EXAM	PAPERS PRACTICI	
Q15.		
	Hazardous environments	
Study Figure 3a in the Resource B	Booklet.	
Suggest two reasons why some p than others.	opulations are more at risk from the impacts of tropical cyclone	:S
than others.		
		(4)
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(Total for question = 4 marks)

