

In this session today, we will be covering the following aspects of your IGCSE Geography Paper:

1. Structure of section A in Paper 1 and 2 - ANSWER QUESTIONS FROM THESE SECTIONS ONLY

Section A - Paper 1	Section A - Paper 2
2. Coasts	1. Economic World
3. Hazardous Environments	3. Urban Environments

We shall use an example from Hazardous Environments for this session, however each section will be out 25 marks and the breakdown of marks will be very similar.



Remember to BUG!!

3 Hazardous Environments

(a) Identify the statement below that best describes the characteristics of the eye of a tropical cyclone.

<input type="checkbox"/>	A low pressure and low wind speed
<input type="checkbox"/>	B low pressure and high wind speed
<input type="checkbox"/>	C high pressure and high wind speed
<input type="checkbox"/>	D high pressure and low wind speed

(1) Multiple choice - 1 mark for correct answer.

Top tip - if you are unsure the correct answer

(b) (i) State one method of measuring tropical cyclones.

<input type="checkbox"/>	A Decibel scale
<input type="checkbox"/>	B Saffir-Simpson scale
<input type="checkbox"/>	C Richter scale
<input type="checkbox"/>	D Volcanic Explosivity Index

(1)

You must revise keywords for topic!

(ii) Define what is meant by wind shear.

(1)

1 mark means require one sentence only. If unsure return to this later

(ii) Explain one reason why cyclones form in the Tropics.

(2)

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Must give one reason and explain why/how. This question wants you to apply your subject knowledge of tropical storms.

(c) Study Figure 3a in the Resource Booklet.

Explain two reasons why people live in this hazardous area.

Vegetation acts as natural buffer so homes not damaged by flooding.

(4)



(Source: © Universal Images Group Editorial/Getty Images)

Figure 3a

An area in Florida prone to tropical cyclones

1 MAKE SURE YOU READ THE QUESTION. VERY EASY TO NOT ANSWER CORRECTLY!

Must give two reasons and explain why/how for each. To gain full marks you have to pick 2 points shown in the figure.

(d) Explain one way building design reduces the impacts of earthquakes.

(3)

Weather is good so people are more inclined to risk hazards.

Make your point ....

Develop once - which means that

Double develop - resulting in .....

(e) Study Figure 3b in the Resource Booklet.

Identify one characteristic of this volcanic eruption.

(1)

State what you see in image

MAKE SURE YOU REFER TO THE FIGURE. THE ANSWER WILL BE IN THE QUESTION.

For one mark you need to state one word or statement.



(Source: © Axel Siguroarson)

Figure 3b

A volcanic eruption in Iceland

(f) Explain two ways emergency relief can reduce the impacts of earthquakes.

1 When discussing relief consider the long term and short-term aid.

Emergency Relief is an example of short-term aid.

(4)

Must give two reason and explain why/how. This question wants you to apply your subject knowledge responses to earthquakes.

(g) Study Figure 3c and Figure 3d in the Resource Booklet.

Analyse the short and longer term impacts of volcanic eruptions.

(8)

The first thing you must do when answering the 8 marker is highlight the figures. What do they show? How do they link to the question?

### Eight mark questions:

These could be an *analyse*, *evaluate* or *examine* question. However most often they will be *analyse* and will involve using a resource to answer the question (AO3 x 4, AO4 x 4).

#### **ANALYSE:**

Investigate an issue by breaking it down into individual components and making logical, evidence-based connections about the causes and effects or interrelationships between the components.

#### **WHAT DOES THIS MEAN?**

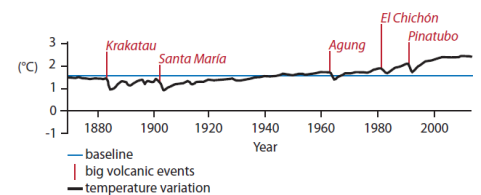
Break up the resource into different parts and use evidence from it to demonstrate what it happening and explain the causes, effects and relationships that it shows.

Analyse questions require:

- Quoting of data from the resource.
- Then using your geographical knowledge to explain the links between this data (Thinking like a geographer!)

If you want to aim for the highest marks you could also:

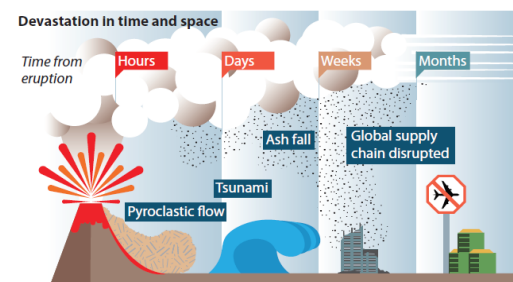
- Use some numerical analysis (e.g. means/ range/ difference) if appropriate to talk about patterns, trends, make comparisons etc
- Identify and explain anomalies or outliers if appropriate
- Critically analyse the data - is some more/ less significant
- Consider the reliability of the data provided. |



(Source: from <https://rsgweather.files.wordpress.com/2013/03/volcanic-eruptions-and-global-temperature.png>)

Figure 3d

Large-scale volcanic eruptions and the longer-term impacts of volcanic eruptions on global temperatures.



(Source: from [www.economist.com](http://www.economist.com))

Figure 3c

Short term impacts of volcanic eruptions