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IGCSE Geography – Session 6 – Natural Environments & the first 18 marks

In this 40 minute session today, we will be covering the following aspects of your IGCSE Geography Paper Question 1 Natural Environments – The short responses:

1. How to deal with the **diagrams** photographs, maps and charts
2. Timings for the 1 and 2 mark skills questions (and not underestimating them)
- 4 The 3, 4 & 5 mark questions that ask for skills & knowledge **BUT NOT CASE STUDIES.**

Ok, so you've just finished Section A. You know that in Section B, you have to complete either Q3 or Q4. The following topics can be tested in Section B

- 1
- 2
- 3
- 4
- 5

Before you get to that 7-mark case study question, you are going to need to tackle the small but significant early questions where your skills and knowledge will be tested in a series of 1, 2, 3, 4 and 5 mark questions. Make this section count as easy marks lost here can cost you overall. ***There are 18 marks up for grabs so stop, read, highlight, read again and complete.***

As with Section A, you have about 25 minutes to complete this section before moving on to the 7-mark question at the end (more about that next week) and spending 10 minutes on that.

Total Time for Section B = 35 Minutes

25% Extra Time calculation for 25% of 25 minutes = _____ minutes on short response section.

Diagrams & Charts.

As with Section A, the first thing you will see at the start of Q3 & 4 is a graphic. Given that this unit is very much centred around physical Geography, there is more chance that you will see a diagram of a physical process, a map, flow diagram or a section of text from a newspaper. There will also be images in the resources booklet for you to study too.

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Part 1 – Calm down and study the graphic carefully. 1 & 2 mark questions.

May 2018 – Q3 – Tectonics

3 (a) Study Fig. 3.1, which shows the impacts of an earthquake.

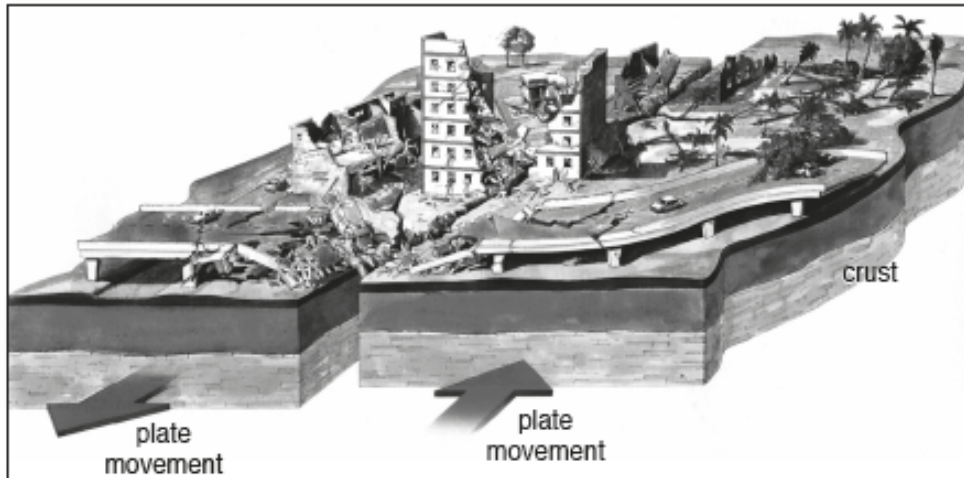


Fig. 3.1

(i) Tick (✓) the one statement in the table below which is the correct definition of an earthquake.

A crack in the earth's crust caused by a volcano	
A vent between two plates of the earth's crust through which molten magma escapes.	
Movement of large slabs of rock in the mantle	
The shaking of the ground caused by plate movement.	

[1]

(ii) Using Fig. 3.1 only, describe two impacts of an earthquake.

1

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[2]

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Now they want you to remember content from the earthquakes unit.

Now, they are going to take it one stage further. Not quite a full-on case study as you can see that **it doesn't ask you to use a country that you've studied**. That's coming later.

Read, highlight, re-read and get cracking!

(iii) Explain why earthquakes occur in areas such as that shown in Fig. 3.1.

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[3]

(b) Study Fig. 3.2, which shows information about three earthquakes in 2015.

A magnitude 7.9 earthquake hit Nepal, about 80 kilometres north west of the country's capital city Kathmandu, killing hundreds of people. The focus was 15 kilometres deep. There were 13 aftershocks, with a magnitude ranging from 4.6 to 6.6 on the Richter Scale, which killed many more people.

A magnitude 5.5 earthquake struck Jianhe County, Guizhou province, in the south of China. The focus of the earthquake was 14.6 kilometres deep. Four people were injured and 3000 properties damaged.

A magnitude 8.2 earthquake occurred off the Pacific coast of Chile. Most people in nearby coastal areas were evacuated and escaped from the tsunami of over 2 metres in height, but five people lost their lives.

Fig. 3.2

(i) Using information from Fig. 3.2 **only**, state **three** reasons why some earthquakes cause more deaths and injuries than others.

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June 2018 – Q4 – Weather & Climate

So, the actual choice in this paper is between Tectonics (the 7 mark question was actually about a volcanic eruption) or weather & climate. (the 7 mark question in this section was about deforestation = link to climatic zones – rainforests). A pretty nice choice to make based on your overall preference.

This first question is based on the following resources from the accompanying resource booklet. It tells you to look there at the start of the question.

Fig. 4.1 for Question 4



Fig. 4.2 for Question 4



4 (a) Study Fig. 4.1 (Insert), which is a photograph showing weather instruments inside a Stevenson screen.

(i) What type of weather instruments are shown in the Stevenson screen in Fig. 4.1?
Tick your answer. (✓)

Barometers	
Rain gauges	
Sunshine recorders	
Thermometers	

[1]

(ii) State the two types of weather data which are measured by the instruments shown in Fig. 4.1.

1

2

[2]

(iii) Study Fig. 4.2 (Insert). Describe three characteristics of the Stevenson screen shown in Fig. 4.2.

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(iv) Explain why some sites are more suitable to locate a Stevenson screen than others.

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Next question requires more photo analysis – this time the question is all about clouds. It is going to require you to describe what you see BUT also know the cloud types too.

Fig. 4.3 for Question 4



Fig. 4.4 for Question 4



Name here

Say what you see and try to identify the cloud types from the photographs.

(b) Study Figs. 4.3 and 4.4 (insert), which show different types of cloud.

(i) Describe three differences between the amount and type of cloud in Figs. 4.3 and 4.4.

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(ii) Explain why there are usually more clouds in areas with an equatorial climate than in areas with a hot desert climate.

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You should make a note of the topics that come up in Paper 1 for the Natural Environment Section. It is generally the case that the topics that haven't come up will be tested at some point as part of Paper 2 (27.5%). In this 2018 Paper 1, tectonics and weather & climate came up in Section B. In the same Paper 2 skills series, Rivers & Coasts were tested.

Now you understand how to spot revision opportunities for P2!