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91007



NEW ZEALAND QUALIFICATIONS AUTHORITY
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Level 1 Geography, 2017

91007 Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)

9.30 a.m. Thursday 23 November 2017
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s).	Demonstrate in-depth geographic understanding of environments that have been shaped by extreme natural event(s).	Demonstrate comprehensive geographic understanding of environments that have been shaped by extreme natural event(s).

Check that the National Student Number (NSN) on your admission slip is the same as the number at the top of this page.

You should attempt ALL the questions in this booklet.

If you need more room for any answer, use the extra space provided at the back of this booklet.

Check that this booklet has pages 2–14 in the correct order and that none of these pages is blank.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

TOTAL

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INSTRUCTIONS

In the box below, name ONE type of **extreme natural event**, and an **environment case study (studies)** in which it has occurred, that you will use to answer ALL of the questions in this booklet.

Extreme natural event: _____

Environment case study (studies): _____

QUESTION ONE: NATURAL PROCESSES

Read the geographic concept below and refer to it when answering this question.

Geographic Concept

Processes are a sequence of actions, natural and / or cultural, that shape and change environments, places, and societies. Processes vary in time and space, and in magnitude (size) and frequency.

Processes are studied by geographers to help explain features of our world. These processes may cause extreme natural events that occur **above** the earth's surface, **on** the earth's surface, or **below** the earth's surface.

Fully explain the **natural** processes that operated to produce the extreme natural event in your environment case study (studies).

In your answer, include geographic terminology, the geographic concept of processes, with integrated detailed supporting evidence from your environment case study (studies), and a relevant supporting diagram and/or map.

PLANNING (OPTIONAL)

Diagram and/or map

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QUESTION TWO: ENVIRONMENTSASSESSOR'S
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Read the geographic concept below and refer to it when answering this question.

Geographic Concept

Environments may be natural and / or cultural. They have particular characteristics and features which can be the result of natural and / or cultural processes. The particular characteristics of an environment may be similar to or different from another. A cultural environment includes people and the built environment.

Fully explain how ONE cultural characteristic (feature) OR ONE natural characteristic (feature) has made your environment case study (studies) **more** vulnerable to your extreme natural event.

Cultural or natural characteristic: _____

In your answer, include geographic terminology, the geographic concept of environments, with integrated detailed supporting evidence from your environment case study (studies).

PLANNING (OPTIONAL)

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The examination continues on the following page.**

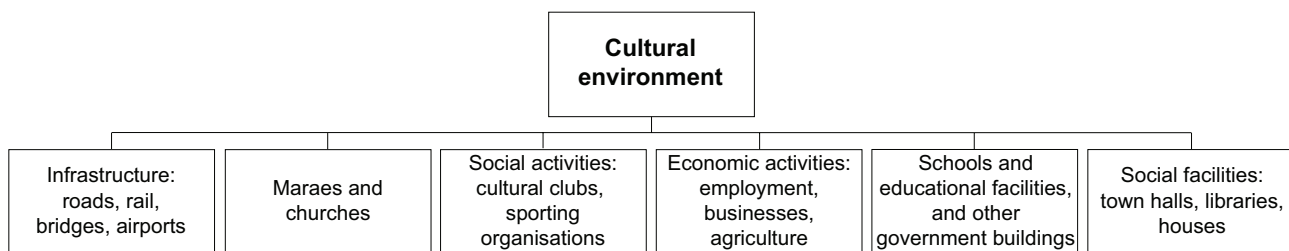
QUESTION THREE: CHANGE

Read the geographic concept below and refer to it, as well as the diagram, when answering this question.

Geographic Concept

Change involves any alteration to the natural or cultural environment. Change can be spatial and/or temporal. Change is a normal process in both natural and cultural environments. It occurs at varying rates, at different times, and in different places. Some changes are predictable, recurrent or cyclic, while others are unpredictable or erratic. Change can bring about further change.

A cultural environment can be made of the following characteristics:



Fully explain the effects of your extreme natural event on the **cultural** environment of your case study (studies).

In your answer, include geographic terminology, the geographic concept of change, with integrated detailed supporting evidence from your environment case study (studies), and a relevant supporting diagram and/or map.

PLANNING (OPTIONAL)

Diagram and/or map

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