NZQA

NEW ZEALAND QUALIFICATIONS AUTHORITY
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Level 1 Geography, 2019

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

2.00 p.m. Friday 8 November 2019
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 2–15 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

ASSESSOR'S USE ONLY

INSTRUCTIONS

Name ONE type of **extreme natural event**, and an **environment case study (or 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(ies): _____

_____

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QUESTION ONE: VULNERABILITY

> ### Geographic concept: Environments
>
> 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 and / or different from another.

(a)   In the space provided below, draw a labelled diagram(s) and / or map(s) to describe how TWO characteristics (features) from your case study(ies) make people more vulnerable to your chosen extreme natural event.

MAPS / DIAGRAMS

(b) Fully explain how ONE of the characteristics (features) that you included in (a) makes people more vulnerable to your chosen extreme natural event.

In your answer, include:

- geographic terminology
- the geographic concept of environments
- detailed supporting evidence from your case study(ies).

QUESTION TWO: PROCESSES

Geographic concept: Processes
Processes are a series or sequence of actions that shape or modify the environment.

Draw sequenced **annotated** diagrams to fully explain the processes that have operated to produce your chosen extreme natural event. Use the boxes provided below and on pages 7 and 8.
You do not need to use all four boxes.

In your diagrams, include:
• geographic terminology
• the geographic concept of processes
• detailed supporting evidence from your case study(ies).

Note: Annotated means writing explanations rather than simple labels.

First action: _____

Second action: _____

Third action: _____

More space is provided on page 8 ➤

Fourth action: _____

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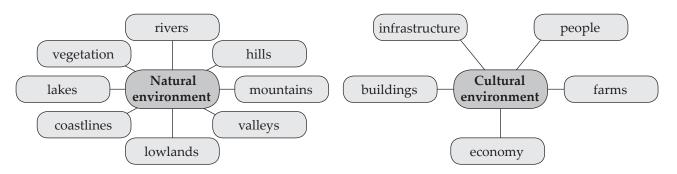**The examination continues on the following page.**

QUESTION THREE: EFFECTS

Geographic concept: Change

Change involves any alteration to the natural or cultural environment. 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.

Characteristics (features) of an environment may include:

rivers

vegetation   hills

lakes   **Natural environment**   mountains

coastlines   valleys

lowlands

infrastructure   people

buildings   **Cultural environment**   farms

economy

Choose ONE characteristic from either of the diagrams above (or any other characteristic of the environment):

Characteristic:

Fully explain the effects your extreme natural event had on your chosen characteristic.

In your answer, include:
*   geographic terminology
*   the geographic concept of change
*   integrated detailed supporting evidence from your case study(ies)
*   a relevant supporting diagram or map.

PLANNING (OPTIONAL)

MAPS / DIAGRAMS

*There is more space for
your answer to this question
on the following page.*

Extra space if required.
Write the question number(s) if applicable.

QUESTION
NUMBER

QUESTION NUMBER	**Extra space if required.** **Write the question number(s) if applicable.**

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