

# 1

91007



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## Level 1 Geography, 2018

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

2.00 p.m. Friday 9 November 2018  
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 2–16 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 **environmental case study (or studies)** of this event, that you will use to answer ALL of the questions in this booklet.

Extreme natural event: \_\_\_\_\_

\_\_\_\_\_

Environmental case study (or studies): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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**QUESTION ONE: NATURAL PROCESSES**

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

**Geographic concept: Interaction**

**Interaction** involves elements of an environment affecting each other and being linked together. Interaction incorporates movement, flows, connections, and interrelationships. Landscapes are the visible outcome of interactions. Interaction can bring about environmental change.

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

In your answer, include geographic terminology, the geographic concept of interaction, and integrated detailed supporting evidence from your environmental case study (or studies), along with supporting diagrams and/or maps.

**PLANNING (OPTIONAL)**





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**QUESTION TWO: EFFECTS**

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

**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.

Fully explain ONE effect that your chosen extreme natural event has had on the natural environment in your case study (or studies).

In your answer, include geographic terminology, the geographic concept of change, and integrated detailed supporting evidence from your case study (or studies), along with supporting diagrams and/or maps.

**PLANNING (OPTIONAL)**







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**QUESTION THREE: LONG-TERM RESPONSE**

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

**Geographic concept: Sustainability**

**Sustainability** involves adopting ways of thinking and behaving that allow individuals, groups, and societies to meet their needs and aspirations without preventing future generations from meeting theirs. Sustainable interaction with the environment may be achieved by preventing, limiting, minimising, or correcting environmental damage.

Examples of long-term responses to extreme natural events include:

- rebuilding (houses, business, infrastructure, etc.)
- relocating (moving in order to avoid the potential effects of future events)
- researching (causes, reasons for damage, ways to minimise the potential effects of future events, etc.).

Fully explain at least ONE way in which people responded, in the long term, to the extreme natural event in your environmental case study (or studies).

In your answer, include geographic terminology, the geographic concept of sustainability, and integrated detailed supporting evidence from your case study (or studies).

**PLANNING (OPTIONAL)**







