

3

91429



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
KĪA NOHO TAKATŪ KI TŌ ĀMUA AO!

SUPERVISOR'S USE ONLY

Level 3 Geography, 2015

91429 Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills

9.30 a.m. Wednesday 25 November 2015
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills.	Demonstrate in-depth understanding of a given environment(s) through selection and application of geographic concepts and skills.	Demonstrate comprehensive understanding of a given environment(s) through selection and application of geographic concepts and skills.

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.

Pull out Resource Booklet 91429R from the centre of 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 2–8 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

Read **Resource Booklet 91429R** and the questions in this booklet before you begin your written answers.

Select and apply a range of resources and geographic skills to comprehensively analyse the various geographic concepts as they apply to Las Vegas.

QUESTION ONE: INTERACTION IN THE ENVIRONMENT OF LAS VEGAS

Read the following geographic concept and refer to it, as well as the resources on pages 3 to 12 of the resource booklet, when answering (a) and (b).

Geographic Concept

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

(a) Choose and circle below TWO of the elements that interact in the Las Vegas environment:

- Location
- Climate
- Urban growth
- Water scarcity

(b) Comprehensively analyse how these two elements interact with each other, OR how they affect other (named) elements in the Las Vegas environment.

Use specific information from the resources to support your answer.

QUESTION TWO: CHANGE IN WATER LEVELS FOR LAKE MEAD

Read the following geographic concept and refer to it, as well as the resources on pages 3 to 12 of the resource booklet, when answering (a) and (b).

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) Draw an appropriate graph below, using the information from the table in **Resource I**, to show the water levels for Lake Mead from 2005 to 2014.

Include all appropriate graphing conventions.

Title:

