

91243



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

QUALIFY FOR THE FUTURE WORLD
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SUPERVISOR'S USE ONLY

Level 2 Geography, 2017

91243 Apply geography concepts and skills to demonstrate understanding of a given environment

2.00 p.m. Wednesday 15 November 2017

Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Apply geography concepts and skills to demonstrate understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate in-depth understanding of a given environment.	Apply geography concepts and skills with precision to demonstrate comprehensive understanding of a given environment.

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 parts of the question in this booklet.

Pull out Resource Booklet 91243R 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 2–14 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

ASSESSOR'S USE ONLY

INSTRUCTIONS

Refer to the resource booklet on the Tongariro Alpine Crossing before answering the question in this booklet.

Parts (a) to (d) and the related resources should enable you to gain an understanding of the Tongariro Alpine Crossing, so that you can explain the different perspectives and sustainability on the increase in the number of walkers completing the crossing, in part (e).

Space is provided on page 10 to help you plan your answer to (e).

QUESTION: Perspectives on the increase in the number of walkers on the Tongariro Alpine Crossing, relating to sustainability

(a) **The Tongariro Alpine Crossing setting**

Refer to **Resources A and B** on page 5 of the resource booklet, when answering (a).

On the précis sketch below, locate and label the following features:

- (i) Mt Ngauruhoe
- (ii) Mt Tongariro
- (iii) Pukekaikioire
- (iv) the floor of the Mangatepopo Valley (by shading and labelling)
- (v) the road
- (vi) the car park
- (vii) the point where the Tongariro Crossing crosses the skyline between Mt Tongariro and Mt Ngauruhoe.

Include a title, key, and the north direction.

Title:
Key:

(b) **Profile of the Tongariro Alpine Crossing**

Refer to **Resources C–E** on pages 6 and 7 of the resource booklet, when answering (b).

- (i) Draw a profile (cross section) of the Tongariro Alpine Crossing on the following page, using the GPS distance and altitude readings from Resource C.
- (ii) Locate and label the locations of **THREE** natural features and **THREE** cultural features on your profile, using specific information from Resources C–E.

Include all appropriate conventions (direction, horizontal and vertical scales, and use of a key).

Title:

A large grid of graph paper, consisting of 20 columns and 30 rows of small squares, intended for drawing or writing.

Key and scale:

(c) **Change and the Tongariro Alpine Crossing**

Refer to **Resource F** on page 8 of the resource booklet, when answering (c).

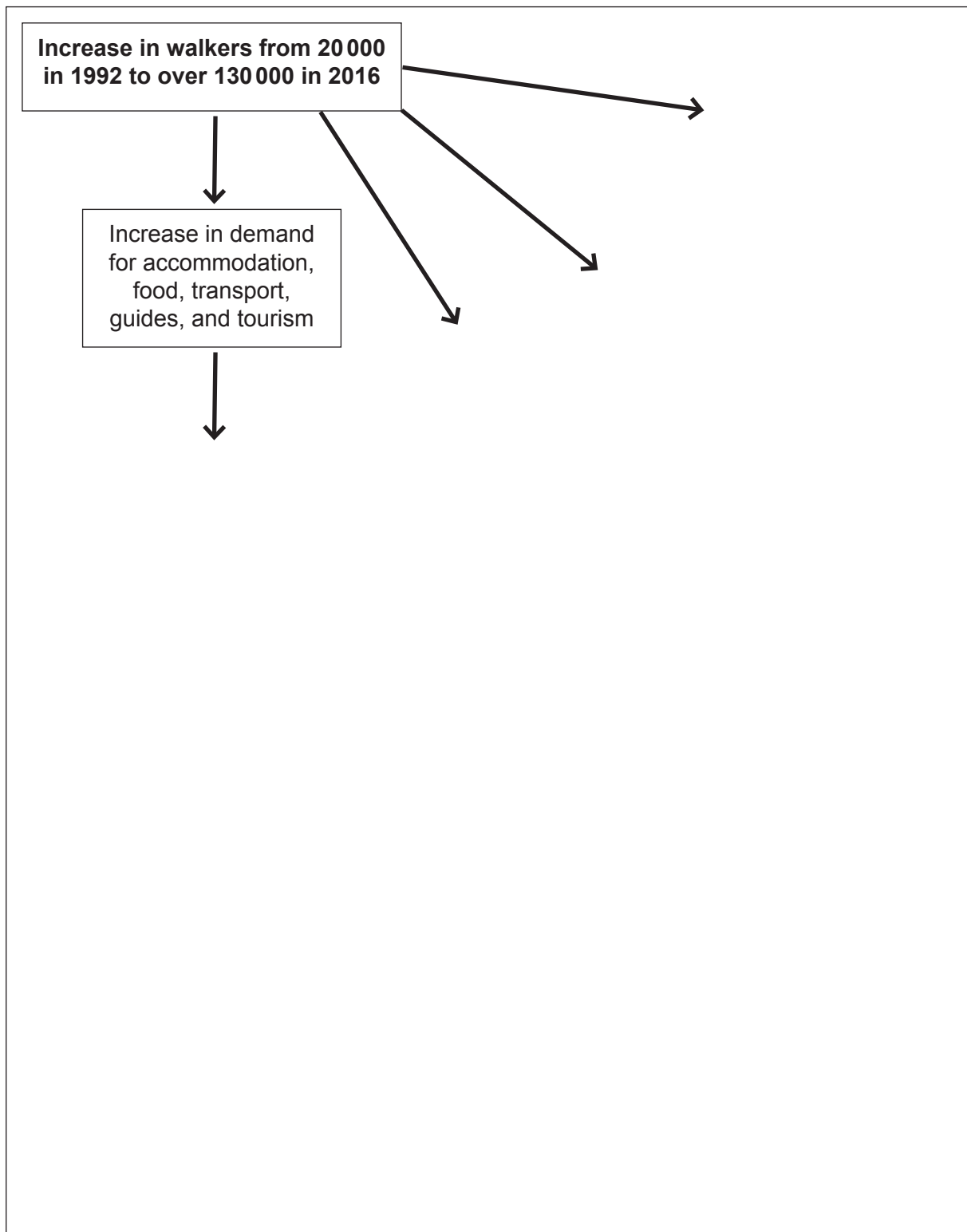
- (i) Complete the diagram on the following page to explain how an increase in the number of walkers has brought about changes for National Park Village, AND for the environment of the Tongariro Alpine Crossing.

Clearly identify on your diagram, TWO changes that can be perceived as positive, and TWO changes that can be perceived as negative.

Use specific information from Resource F in your answer.

- (ii) Select ONE specific sentence from the geographic concept of change on page 2 of the resource booklet that best describes your diagram, and copy the sentence into the space provided at the bottom of page 7.

- (i) Changes resulting from an increase in the number of walkers on the Tongariro Alpine Crossing:



- (ii) Sentence from the geographic concept of change that best describes the diagram above:

(d) **The characteristics of National Park Village**

Refer to **Resource H** on page 9 of the resource booklet, when answering (d).

Draw a multi-column (multi-bar) graph to compare the percentage employed in both the accommodation and food services sector and the recreation services sector for National Park Village, Rotorua, and New Zealand, using specific information from Resource H.

Include all appropriate graphing conventions.

Title:		

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The examination continues on the following page.**

(e) **Different perspectives on the increase in the number of walkers on the Tongariro Alpine Crossing, relating to sustainability**

Refer to **Resource I** on pages 10 and 11 of the resource booklet, when answering (e).

Explain the different perspectives on the increase in the number of walkers on the Tongariro Alpine Crossing, AND for each perspective, justify whether or not a future increase in the number of walkers is sustainable for the environment.

Note: Relevant perspectives may include, but are not limited to, economic, environmental, Māori, and gender.

In your answer, you should refer to:

- the geographic concepts of perspectives, and sustainability, on page 2 of the resource booklet
- **Resource I**, and other resources as appropriate
- specific information from your answers in (a) to (d) relating to the Tongariro Alpine Crossing.

PLANNING (OPTIONAL)

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