

# 1

91010



910100



NEW ZEALAND QUALIFICATIONS AUTHORITY  
MANA TOHU MĀTAURANGA O AOTEAROA

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

SUPERVISOR'S USE ONLY

## Level 1 Geography, 2015

### 91010 Apply concepts and basic geographic skills to demonstrate understanding of a given environment

9.30 a.m. Thursday 12 November 2015  
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	Apply concepts and basic geographic skills to demonstrate in-depth understanding of a given environment.	Apply concepts and basic geographic skills 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 the questions in this booklet.**

Pull out Resource Booklet 91010R 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

## QUESTION ONE: MAPS, PHOTOGRAPHS, AND SATELLITE IMAGES

Read the following geographic concepts and refer to them, as well as **Resource B** on page 2 of the resource booklet, when answering (a).

### Geographic Concept

**Patterns** may be spatial: the arrangement of features on the earth's surface; or temporal: how characteristics differ over time in recognisable ways.

**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 environment.

- (a) (i) On which coast of Australia can the Gold Coast be found on Resource B?

\_\_\_\_\_

- (ii) Fully compare the characteristics (features) of the continents of Australia and Europe. Include specific evidence from Resource B to support your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Refer to **Resource C** on page 3 of the resource booklet when answering (b).

- (b) (i) Give the name and number of the freeway/divided highway that heads in a northerly direction towards Brisbane.

(1) Name: \_\_\_\_\_

(2) Number: \_\_\_\_\_

- (ii) Give the approximate latitude for Surfers Paradise that is given on the map. (The longitude for Surfers Paradise is 153° 20' east).

\_\_\_\_\_

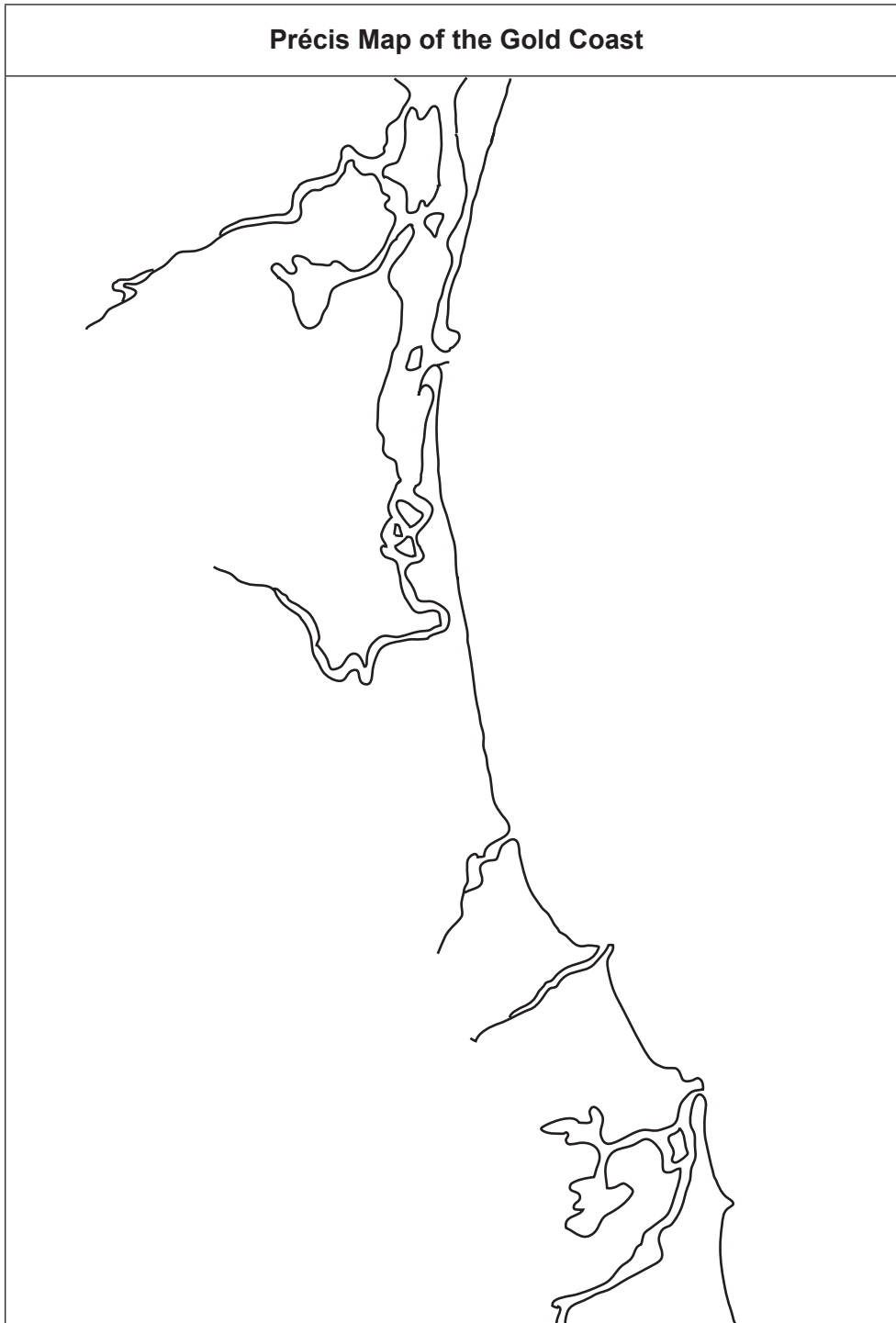
- (iii) Estimate the straight line distance from Seaworld (on the coast) to Point Danger (by the NSW border).

\_\_\_\_\_

Refer to **Resource A** on page 2 of the resource booklet, as well as **Resource C** on page 3, when answering (c).

(c) On the **précis map** below, **locate and label**:

- Seaworld
- the freeway/divided highway
- Burleigh Heads National Park
- the area of New South Wales (by shading it in).



**Key:**

	Seaworld		Burleigh Heads National Park
	The freeway/divided highway		The area of New South Wales

Refer to **Resources D, E, and F** on pages 4 and 5 of the resource booklet, which show the Convention Centre, Jupiter's Casino, and Pacific Fair Shopping Centre, when answering (d) and (e).

- (d) Which compass direction was the photographer facing when the photograph was taken in Resource D?

\_\_\_\_\_

Miami Keys and Broadbeach Waters are part of the City of the Gold Coast that was built during the 1970s.

- (e) Fully describe the pattern of roading and settlement in these two areas.

Include specific evidence from Resource E and Resource F to support your answer.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**This page has been deliberately left blank.  
The examination continues on the following page.**

**QUESTION TWO: GRAPHS, TABLES, AND STATISTICS**

Read the following geographic concept and refer to it, and to **Resources G and H** on page 6 of the resource booklet, when answering (a).

**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.

Whale watching has become a popular tourist attraction, and whale numbers have been increasing on the Gold Coast, with whale migration occurring each year.

(a) (i) What breed of whale is commonly found off the Gold Coast?

\_\_\_\_\_

(ii) Name the season the whales head north.

\_\_\_\_\_

(iii) Explain why the map makers in Resource H have used double-headed arrows to show the annual migration of whales.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

(iv) How many whales migrated past the Gold Coast in 2014?

\_\_\_\_\_

The 2018 Commonwealth Games have been awarded to the City of the Gold Coast, and will be held from the 4th to the 15th of April 2018.

Average Annual Climate Statistics for the Gold Coast												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Rain (mm)	178	187	202	136	131	94	75	55	58	86	104	131
Temperature (°C)	24	24	23	21.7	18	15	14.4	15	17	20	21.5	23
Average number of days with rain	12.7	13.3	15.2	11.3	10.1	7.5	7.1	6.9	7.4	8.9	9.9	11.2

Study the table above and refer to it when answering (b).

(b) (i) State the average rainfall for April.

\_\_\_\_\_

(ii) Give TWO climate-related reasons why the month of April was chosen for the 2018 Commonwealth Games.

Include statistics to support your answer.

(1) \_\_\_\_\_  
\_\_\_\_\_

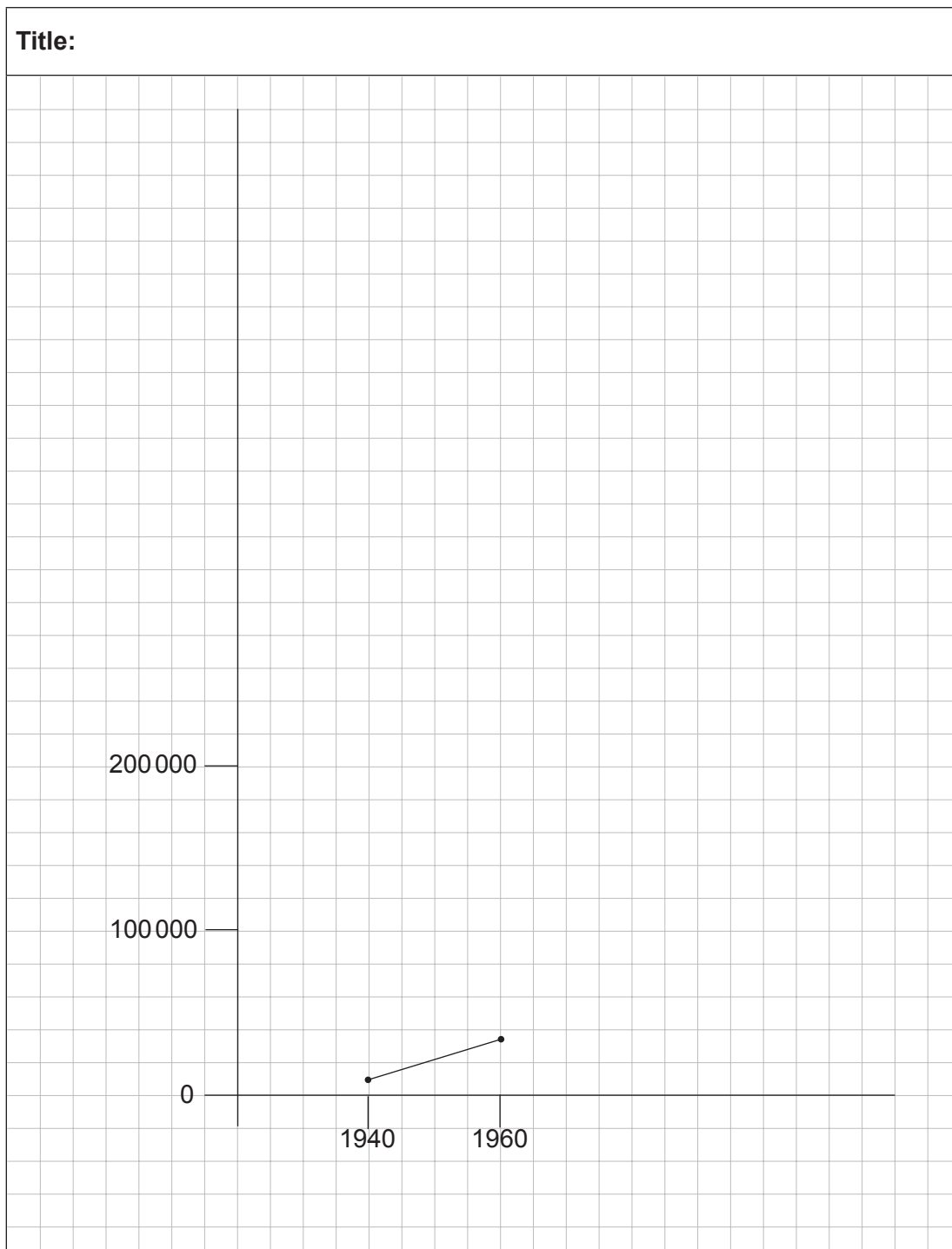
(2) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Population of the Gold Coast from 1940 to 2014	
Year	Population
1940	9 000
1960	33 000
1980	117 000
2000	441 000
2014	535 000

Study the table above and refer to it when answering (c).

- (c) (i) Use the figures from the table to complete the line graph below.

*Note: The data for 1940 and 1960 have been entered on the line graph for you.*







**QUESTION THREE: PERSPECTIVES**

Read the following geographic concepts and refer to them, as well as **Resources I and J** on pages 7–9 of the resource booklet when answering (a)–(c).

### Geographic Concepts

**Perspectives** involve the way people view and interpret environments. Perspectives and values may be influenced by culture, environment, social systems, technology, economic and political ideology. They may influence how people interact with environments and the decisions and responses that they make.

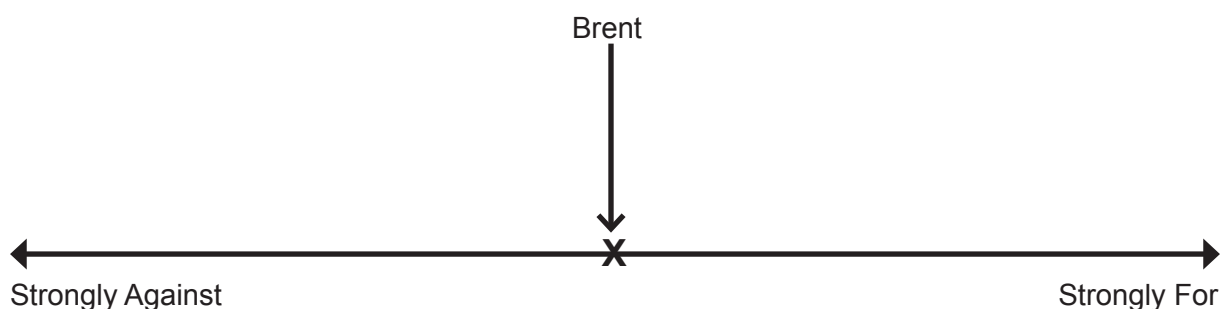
**Change** involves any alteration to the natural or cultural environment. Change can be spatial and / or temporal. Change is a normal process in both natural and cultural environments. It occurs at varying rates, at different times, and in different places. Some changes are predictable, recurrent or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

Local people are already deciding what they will do about the Games.

Resource I describes the Commonwealth Games, and Resource J gives five local people's perspectives on the Games.

- (a) On the continuum below, mark the viewpoints that the five people hold about the 2018 Commonwealth Games.

*Note: The viewpoint for Brent, the G:link rail driver, is done for you. He is neither for, nor against it, as from his viewpoint as a paid driver, there are positive and negative impacts on him. He sits in the middle of the continuum.*



- (b) Choose TWO people from the continuum above (other than Brent).

Explain why ONE has an economic viewpoint about the Commonwealth Games, AND the other (a different person), has a social viewpoint about the Games.

Name of person chosen with an **economic** viewpoint: \_\_\_\_\_

Explanation of why they hold this viewpoint: \_\_\_\_\_

---



---



---

Name of person chosen with a **social** viewpoint: \_\_\_\_\_

Explanation of why they hold this viewpoint: \_\_\_\_\_

---



---



---



---



---



---



---



---

The Commonwealth Games in 2018 will have a huge impact on the Gold Coast, and will bring about many changes in the area, with 17 sports venues needing to be developed, or changed to reach Games standards. A 29-hectare area project called "Parklands" is being developed and will include 1 200 permanent apartments and townhouses across 30 buildings. A new light rail system, the G:link, was introduced in 2014. The Commonwealth Games will be held for 12 days in April 2018.



- (c) Fully explain how the Commonwealth Games will impact on the people and environment.

Include specific evidence from the information above, and Resources A, I, and J, and refer to the geographic concept of **change**, to support your answer.

---



---



---



---



---



---

**Part (c) continues on the next page**









91010