

91008



NEW ZEALAND QUALIFICATIONS AUTHORITY
MANA TOHU MĀTAURANGA O AOTEAROA

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SUPERVISOR'S USE ONLY

Level 1 Geography, 2012

91008 Demonstrate geographic understanding of population concepts

9.30 am Friday 23 November 2012
Credits: Four

Achievement	Achievement with Merit	Achievement with Excellence
Demonstrate geographic understanding of population concepts.	Demonstrate in-depth geographic understanding of population concepts.	Demonstrate comprehensive geographic understanding of population concepts.

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 ALL 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 2–12 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

You are advised to spend 60 minutes answering the questions in this booklet.

QUESTION ONE: GLOBAL POPULATION AND SUSTAINABILITY

Read the following **Geographic Concept** and refer to it, as well as to **Resource A** below, when answering (a).

Geographic Concept

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. This includes 'Population Sustainability', which is the capacity of an environment to support a population in the longer term.

Resource A: Population By Age Group

For copyright reasons, this resource cannot be reproduced here.

Source (adapted): <http://phe.rockefeller.edu/poppies/>

- (a) In the hundred years between 1950 and 2050, the world's population will increase by 6.5 billion.

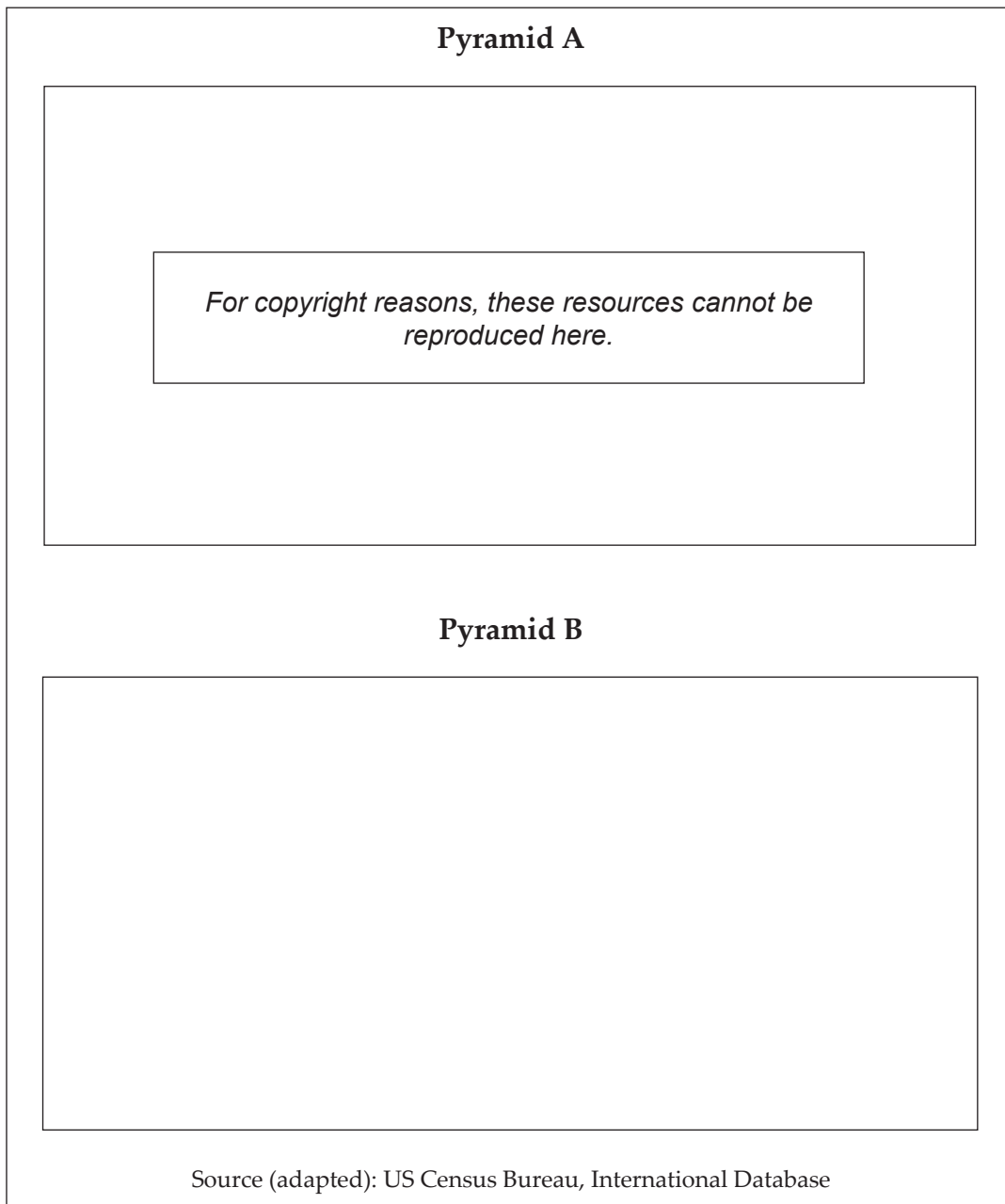
Fully explain how this will impact on (affect) future generations.

Include specific evidence from a **selected case study** (studies) to support your answer.

Question One continues on the next page

Refer to the **Geographic Concept** on page 2, and **Resource B** below, when answering (b).

Resource B: Population Pyramids of Selected Countries



- (b) The population pyramids shown above represent an **ageing** and a **youthful population**.

Complete the statements below.

Pyramid A represents a(n): _____ population

Pyramid B represents a(n): _____ population

- (c) In the box below, name a country or region whose population you have studied that has EITHER an ageing OR a youthful population.

Note: Questions One (c), Two, and Three may use the same country or region, or different ones.

Circle your choice:

Ageing

Youthful

Country or region: _____

Fully explain the **issues** your named country or region faces in supporting EITHER an ageing OR a youthful population in the longer-term.

Include specific references to the **Geographic Concept** on page 2, as well as **Resources A and B** on pages 2 and 4, to support your answer.

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QUESTION TWO: POPULATION DISTRIBUTION

In the box below, name a country or region whose population you have studied.

Note: Questions One (c), Two, and Three may use the same country or region, or different ones.

Country or region: _____

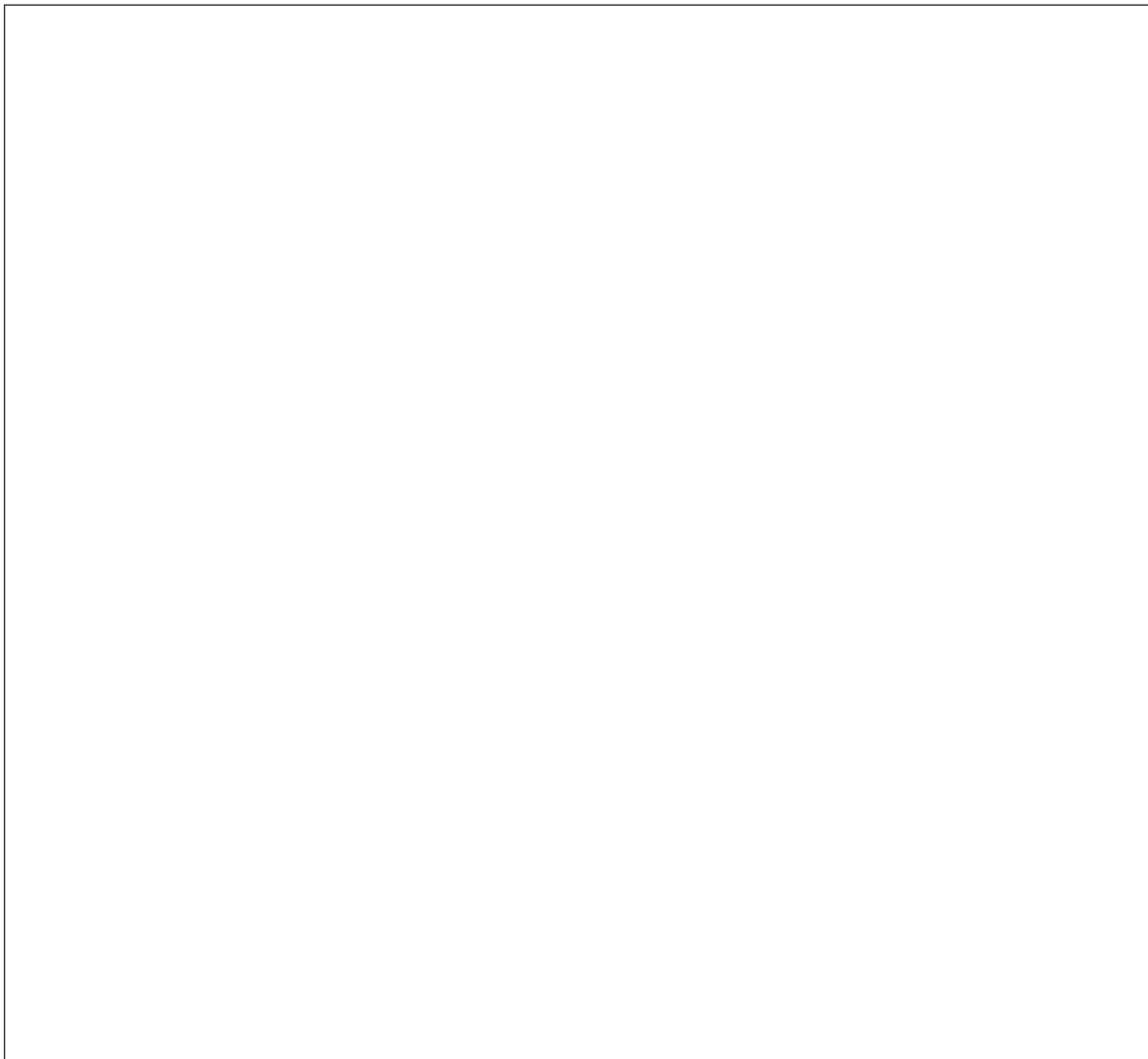
Read the following **Geographic Concepts**. Include specific references to them, as well as to the named country or region above, when answering (a).

Geographic Concepts

Patterns may be spatial and refer to the arrangement of features on the earth's surface. Patterns are a result of processes; some processes encourage concentration, some encourage dispersal.

Location is the position of features in terms of direction and distance.

- (a) Draw an annotated (labelled) map in the box below to show the population distribution (where the population is located) in your named country or region.



QUESTION THREE: POPULATION CHANGE

In the box below, name a country or region whose population you have studied.

Note: Questions One (c), Two, and Three may use the same country or region, or different ones.

Country or region: _____

Read the following **Geographic Concepts**. Include specific references to these, as well as to the named country or region above, when answering (a) and (b).

Geographic Concepts

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. Change can bring about further change.

Environments have particular characteristics and features, which can be the result of cultural processes. The particular characteristics of an environment may be similar to and / or different from another.

Populations **change over time**, and these changes are seen in such factors as population totals and age-sex structure.

- (a) Complete the table on page 9 to show **how** the population of your named country or region has changed over time.

Clearly state EACH point in time you are referring to, and include **supporting evidence** from your named country or region, to support your answer.

