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Level 1 Geography 2022

91008 Demonstrate geographic understanding of population concepts

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 the question 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 2–8 in the correct order and that none of these pages is blank.

Do not write in any cross-hatched area (▨). This area may be cut off when the booklet is marked.

YOU MUST HAND THIS BOOKLET TO THE SUPERVISOR AT THE END OF THE EXAMINATION.

INSTRUCTIONS

Name a **population case study (or studies)** that you will use to answer ALL parts of the question in this booklet.

The population case study (or studies) may come from regions within a country, one country, or from different countries.

Population case study (or studies): _____

_____

_____

Geographic concepts you may use in your answers include:

Processes

A sequence of actions that shape and change environments.

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.

Change

Involves any alteration to the natural or cultural environment. Change can be spatial and / or temporal. It occurs at varying rates, at different times, and in different places.

Interaction

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

Sustainability

Involves adopting ways of thinking and behaving that allow people to meet their needs and aspirations without preventing future generations from meeting theirs. It may be achieved by preventing, limiting, minimising, or correcting environmental damage to water, air, and soil, as well as considering problems related to waste, noise, and visual pollution.

QUESTION

(a) **Population change**

(i) Describe the change(s) that have occurred over time to the **total population** of your case study region(s) or country(ies).

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> **Population change = birth rate − death rate** (natural increase) **+/- migration**

Use the population change equation above to answer (ii).
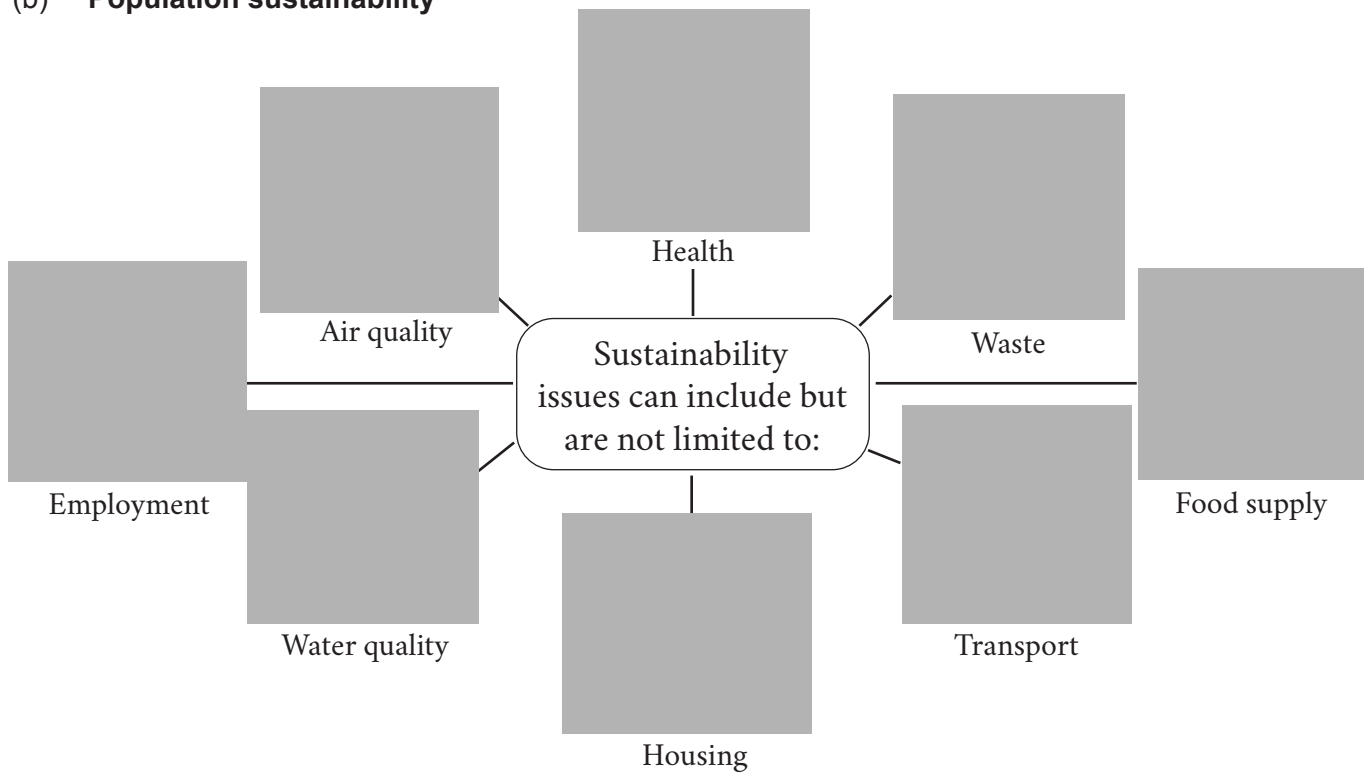
(ii) How has each of the following factors contributed to the change in total population you discussed in part (i)?

In your answer, include geographic terminology and detailed case study evidence.

1. Natural increase: _____

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2. Migration: _____

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(b) **Population sustainability**

Health

Air quality

Waste

Sustainability issues can include but are not limited to:

Employment

Food supply

Water quality

Transport

Housing

(i) Describe ONE sustainability issue that has come about in your case study region(s) or country(ies) because of the change in total population you discussed in part (a).

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(ii) How are groups or organisations such as governments trying to manage this sustainability issue?

In your answer, include geographic terminology and detailed case study evidence.

Extra space if required.
Write the question number(s) if applicable.

QUESTION
NUMBER

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