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Level 1 Geography, 2017

91008 Demonstrate geographic understanding of population concepts

9.30 a.m. Thursday 23 November 2017
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 the 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 2–14 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

In the box below, name a **population case study (studies)** that you will use to answer ALL of the questions in this booklet.

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

Population case study (studies): _____

QUESTION ONE: POPULATION DISTRIBUTION

Read the population concept below and refer to it when answering this question.

Population Concept

Population distribution is how and why population is spread across the landscape.

Some of the many **factors** that impact on population distribution are listed below:

- Rivers
- Tertiary education
- Climate
- Fertile soils
- Government policy
- Land values.

- (a) Select EACH factor from the list above and write it under the correct heading in the table below.

Natural factors	Cultural factors

- (b) Fully explain how ONE natural factor and ONE cultural factor have affected the distribution of your population case study (studies).

Note: You may use factors from page 2, OR choose factors from your chosen population case study (studies).

Natural factor: _____

Cultural factor: _____

In your answer, include geographic terminology, the concept of population distribution, and integrated detailed supporting evidence from your population case study (studies).

PLANNING (OPTIONAL)

- (i) Fully explain how the **natural** factor has affected the distribution of your population case study (studies).

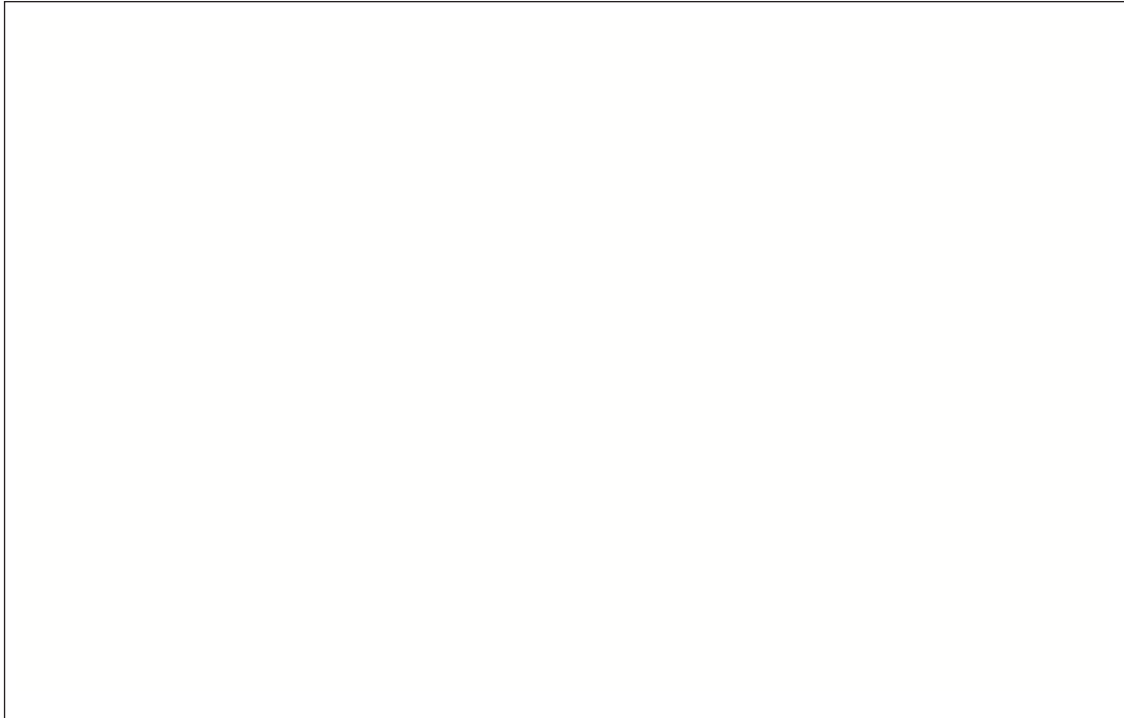
QUESTION TWO: POPULATION CHANGE

Read the population concept below and refer to it when answering this question.

Population Concept

Population change includes population totals, age-sex structure, and natural increase over time.

Study the Demographic Transition Model below that shows how population has changed over time.



Source (adapted): <http://www.tutor2u.net/geography/reference/the-demographic-transition-model-dtm>.

(a) In the table below, write the correct label for the spaces marked 1–4 on the Demographic Transition Model above. Choose labels from the following list:

- Birth rate
- Total population growth
- Natural increase
- Death rate.

Space	Label
1	
2	
3	
4	

- (b) Fully explain how population change has occurred in your population case study (studies).

In your answer, include geographic terminology, the concept of population change, and integrated detailed supporting evidence from your population case study (studies), and refer to the Demographic Transition Model on page 6.

PLANNING (OPTIONAL)

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QUESTION THREE: POPULATION SUSTAINABILITY

Read the population concept below and refer to it when answering this question.

Population Concept

Population sustainability is the capacity of the environment to support a population in the longer term.

Populations put **pressure** on the environment that they live in.

Fully explain ONE sustainability issue being faced in your population case study (studies), and how government or other agencies are working to solve this issue, to help ensure sustainability for future generations.

Sustainability issue: _____

In your answer, include geographic terminology, the concept of population sustainability, and integrated detailed supporting evidence from your population case study (studies).

PLANNING (OPTIONAL)

