Letter



# Geography Teachers' Association of Victoria Inc.

Reg No: A 003 050 5Z ABN: 65 550 382 751

STUDENT NUMBER		

# GEOGRAPHY Trial Examination Paper, 2024

Reading time: 15 minutes Writing time: 2 hours

# **QUESTION AND ANSWER BOOK**

#### Structure of Book

Number of questions	Number of questions to be answered	Number of marks
9	9	80

- Students are permitted to bring into the examination room: pens, pencils, highlighters, erasers, sharpeners, rulers, coloured pencils, water-based pens and markers.
- Students are NOT permitted to bring into the examination room: blank sheets of paper and/or correction fluid/tape.
- No calculator is allowed in this examination.

#### Materials supplied

- Question and answer sheets of 12 pages.
- Data book.
- Additional space is available at the end of the book if you need extra paper to complete an answer.

#### **Instructions**

- Answer all questions.
- Questions should be answered in this book.
- All written responses must be in English.

Students are NOT permitted to bring mobile phones and/or any other unauthorised electronic devices into the examination room.

#### **Instructions**

Answer all questions in the spaces provided. Refer to the data book as indicated.

Use Figure 1 on page 2 of the data book when responding to Question 1.

Question 1 (6 marks)	
Describe the change in ice mass in Antarctica between 2002 and 2016.	6 marks

# **Question 2** (9 marks)

<b>a.</b> Explain the interconnection between <b>one</b> natural process and <b>one</b> human activity in causing melting ice sheets and glaciers.	5 marks
<b>b.</b> Outline <b>one</b> global <b>or</b> national response to melting ice sheets and glaciers at a specific location.	4 marks

### **Question 3** (10 marks)

Explain the significance of deforestation on social <b>or</b> economic conditions at a selected location and outline the subsequent issues and challenges.	10 marks

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State the location of your fieldwork site.	No marks allocated
a. Discuss the reasons for land use change at your fieldwork site, including the info of a planning strategy.	luence 5 marks
<b>b.</b> Justify the use of <b>one</b> primary data source in answering your research question.	4 marks

Evaluate the significance of <b>one</b> positive and <b>one</b> negative impact of land use change at your fieldwork site, either on the site <b>or</b> its surrounding region.	6 marks
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a. Define Total Fertility Rate.	1 mark
<b>b.</b> Using appropriate examples, outline <b>one</b> factor that would contribute to a country having a high Total Fertility Rate and <b>one</b> factor that would contribute to a country having a low Total Fertility Rate.	4 marks
Use Figures 2 and 3 on pages 4 and 5 of the data book when responding to Question 5c.	
c. A total fertility rate of 2.1 is known as the replacement rate. At the replacement rate, a country's population growth is usually expected to remain stable as it replaces itself from one generation to the next.	
In 2023, Country X had a total fertility rate of 1.67 children born per woman. State whether Country X's population in 2023 is growing, stable <b>or</b> declining and explain how this is possible with reference to the data provided.	3 marks

Use Figure 4 on page 6 of the data book when responding to Question 6.

### **Question 6** (6 marks)

a. Country Y was classified as being in Stage 4 of the Demographic Transition Model in	
2020. Justify this classification using evidence from Figure 4.	4 marks
<b>b.</b> Suggest an issue that Country Y could face in 2050 as it continues its demographic	
transition.	2 marks
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*Use Figures 5 and 6 on pages 8 and 9 of the data book when responding to Question 7.* 

#### **Question** 7 (8 marks)

Thomas Malthus (1766 - 1834) wrote the 'Essay on the Principle of Population' in 1798 in which he hypothesised that unless birth rates were controlled, population growth would continue at an unsustainable rate that would exceed agricultural production, contributing to widespread famine and eventually population collapse.

Using the data from Figures 5 and 6, assess the extent to which Malthus' hypothesis is supported in the 21st century and whether it is likely to be relevant in the future.	8 marks
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# Question 8 (8 marks)

	For a specific country, outline a reason for emigration from it <b>or</b> migration to it.	3 marl
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# **Question 9** (10 marks)

Evaluate the use of a geospatial technology in managing an issue resulting from a country's growing population.	10 marks