

Student Name: _____



**Geography Teachers'
Association of Victoria Inc.**
Reg No: A 003 050 5Z
ABN: 65 550 382 751

STUDENT NUMBER Letter

GEOGRAPHY

Trial Examination Paper, 2023

Reading time: 15 minutes
Writing time: 2 hours

QUESTION AND ANSWER BOOK

Structure of Book

<i>Number of questions</i>	<i>Number of questions to be answered</i>	<i>Number of marks</i>
10	10	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 (9 marks)

- a. Describe the changes in the distribution and extent of deforested areas in Malawi between 2009 and 2015.

4 marks

- b. With reference to Figure 1, outline how remote sensing can be a useful tool in assessing and managing forest cover loss.

2 marks

- c. Evaluate the effectiveness of a geospatial technology in the management of land cover change at a selected location.

3 marks

Use Figure 2 and Figure 3 on pages 4–5 of the data book when responding to Question 2.

Question 2 (6 marks)

- a.** Identify the region of glaciers which contribute the most to domestic water use in South America 1 mark

- b.** Distinguish between the country where glacial melt is most heavily utilised as a source of domestic water and the country where glacial melt is used by the largest population. Use data to support your response. 2 marks

- c.** Analyse the degree of interconnection between long glacier length and substantial contribution of glacier melt water to domestic uses in South America. 3 marks

Question 5 (9 marks)

a. State the location of your Unit 3 fieldwork study.

No marks allocated

b. Outline the process of the land use change at your fieldwork study site and explain a social, economic or environmental reason for the change.

3 marks

c. Describe how two geographic characteristics have influenced the process of land use change at your fieldwork location.

6 marks

Use Figure 5 on page 8 of the data book when responding to Question 9.

Question 9 (9 marks)

- a. Some demographers claim that Country X is in Stage 4 of the demographic transition model (DTM). Provide one piece of quantified evidence from Figure 5 to support this claim. 2 marks

- b. With reference to the five-stage demographic transition model, explain both the relevance and limitations of such modelling. 4 marks

Question 10 (3 marks)

- Suggest the impact migration might have on a country’s population structure. Include one example to support your response. 3 marks
