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

Letter

STUDENT NUMBER

GEOGRAPHY

Trial Examination Paper, 2022

EXAM B

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
8	8	80

- Students are permitted to bring into the examination room pens, pencils, highlighters, erasers, sharpeners, rulers, coloured water-based pens and marker.
- Students are NOT permitted to bring into the examination roo: blank sheets of paper and/or white out liquid/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 (7 marks)

a.   Describe the change over time to the Sverdrup Glacier located on the coast of northwest Greenland.   3 marks

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b.   With reference to a specific location that you have studied, discuss the extent to which the retreat of the Sverdrup Glacier is reflective of glacier or ice sheet retreat more generally.   4 marks

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Question 2 (13 marks)

a. Discuss the social **or** economic **or** environmental impacts of either deforestation **or** melting glaciers and ice sheets at a selected location on the Earth's surface.

4 mark

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b. Using appropriate criteria evaluate the effectiveness of a national response which is used to manage the impacts outlined in **part a** that you have studied this year.

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Use Figures 2a and 2b on page 3 of the data book when responding to Question 3.

Question 3 (4 marks)

With reference to **two** selected geographic characteristics, suggest why extensive land use change has occurred at Albert Park, located 4.4 km south of Melbourne CBD, Victoria.   4 marks

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Question 4 (16 marks)

Identify a local area that has undergone or will undergo land use change and for which you have collected data in the field.

_____   No marks allocated

a.   Discuss the role of political **or** environmental factors in determining the process of land use change for the selected area of fieldwork that you have undertaken this year.   6 marks

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b.   Describe one impact that land use change is having or is expected to have on your study area.

2 marks

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c.   Outline two examples of interconnection between your selected fieldwork location and the surrounding region.

4 marks

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d.   Explain how information gathered through the use of geospatial technology could be useful when analysing, assessing and managing changes in land use change at your selected location.

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Use Figure 3 on page 4 of the data book when responding to Question 5.

Question 5 (9 marks)

a. Describe the distribution of present-day global human population making reference to at least **two** world regions.   5 marks

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b. With reference to specific examples, outline **two** factors to account for the variation in the world population distribution shown.   4 marks

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Use Figures 4a and 4b on page 5 of the data book when responding to Question 6.

Question 6 (6 marks)

With reference to Figure 4a and Figure 4b, discuss the relevance of Malthusian theory and its link to food production.

6 marks

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Use Figure 5 on page 6 of the data book when responding to Question 7.

Question 7 (4 marks)

Identify the stage of the demographic transition model for Sweden in the years provided and justify your response for each:

a.   1785: Stage _____   2 marks

Justification: _____

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b.   2001: Stage _____   2 marks

Justification: _____

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Question 8 (21 marks)

Name a country with either a growing or an ageing population which you have studied this year.

_____ No marks allocated

a. Describe the nature of an issue or challenge which is affecting the population of this country. 5 marks

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b. Describe the spatial distribution of this issue or challenge within the country. 3 marks

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c. Outline and evaluate the effectiveness of a response developed to manage this issue or challenge. 8 marks

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d. Evaluate the role and effectiveness of geospatial technology in the development and implementation of strategies in response to population issues in the country identified above.

5 marks

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END OF QUESTION AND ANSWER BOOKLET

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