VCE Geography

Written examination – End of year

Sample questions

These sample questions are intended to demonstrate how new aspects of Units 3 and 4 of VCE Geography may be examined. They do **not** constitute a full examination paper.
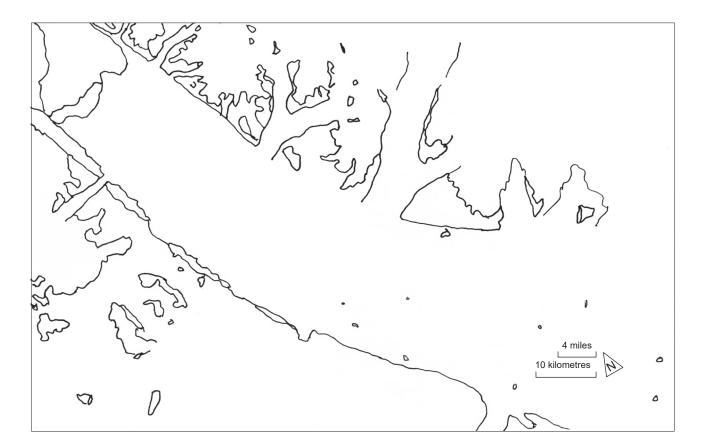
Question 1 (4 marks)
Referring to specific examples, define each of the following terms.

• Land cover change _____

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• Land use change _____

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Use Figure 1 on page 3 of the data book when responding to Question 2.

Question 2 (5 marks)

On the sketch outline of the Petermann Glacier shown below, indicate each of the following at an appropriate location, using the symbols provided.

- the forward direction of the main body of glacial ice   ⟶
- the expected future direction of glacial ice retreat   ----▶
- the terminus, or snout, of the glacier   T
- a glacial lake filled with meltwater coming from the terminus, or snout, of the glacier   GL
- a tributary glacier of the Petermann Glacier   TG

Question 3 (4 marks)

Describe how a geospatial technology has been used to assess land cover changes at a specific location experiencing **one** of the following processes:

- deforestation
- melting glaciers and ice sheets

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Question 4 (15 marks)

Name the location of your selected area of fieldwork.

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a. State the land use change for this area. 3 marks

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b. Evaluate the effectiveness of the main technique that you have used to collect the primary data
for your selected area of fieldwork. 6 marks

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c. Describe an interconnection between your selected area of fieldwork and its surrounding region.

6 marks

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

Question 5 (10 marks)

'The spatial distribution of the present-day global population is uneven and is likely to remain so in the future.'

Discuss this statement.

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Question 6 (13 marks)

Name a country whose population dynamics you have studied this year.

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a. Describe **one** major change to the total fertility rate that has occurred in this country since the 1950s.   3 marks

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b. Explain how **one** factor has contributed to the change in the total fertility rate described in **part a.**   4 marks

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c. Outline **one** issue and **one** challenge that have arisen as a result of the major change in the total fertility rate described in **part a.**

6 marks

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Use Figure 3 on pages 6 and 7 of the data book when responding to Question 7.

Question 7 (4 marks)

a. Demographers classify Country A's population structure in 2022 as being at Stage 3 of the Demographic Transition Model.

Identify **one** piece of quantifiable evidence that supports this classification.   2 marks

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b. Demographers classify Country B's population structure in 2022 as being at Stage 5 of the Demographic Transition Model.

Identify **one** piece of quantifiable evidence that supports this classification.   2 marks

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