



VICTORIA JUNIOR COLLEGE

JC2 PRELIMINARY EXAMINATIONS 2025

H1 GEOGRAPHY

8834/01

3 hours

READ THESE INSTRUCTIONS FIRST

Write your name and index number on the work you hand in.
Write in dark blue or black pen on both sides of the paper.
You may use an HB pencil for any diagrams or graphs.
Do not use staples, paper clips, glue or correction fluid.

Answer Question 1 in **Section A**.
Answer **both** questions in **Section B**.
Answer **two** questions in **Section C**.

The Insert contains all the Resources referred to in the questions.
You should make reference to appropriate examples studied in the field or the classroom, even where such examples are not specifically requested by the question.
Diagrams and sketch map should be drawn whenever they serve to illustrate and answer.
You are reminded of the need for good English and clear presentation of your answers.

At the end of the examination fasten all your work securely together by section.
The number of marks is given in brackets [] at the end of each question or part question.

Section A

Cluster 2: Fieldwork

- 1 In Singapore, residential areas with a high proportion of elderly have been designated as Silver Zones. As of end-2024, more than 40 Silver Zones have been implemented across Singapore.

A group of six students decided to investigate the effectiveness of Silver Zones in meeting the needs of elderly residents.

The students agreed to investigate the following hypothesis:

Silver Zones in Singapore have met the needs of elderly above the age of 65 years old.

Prior to their fieldwork, the students researched on the internet on some generic information of features of a Silver Zone. They decided on 2 streets with Silver Zones in Singapore which were in Ang Mo Kio Street 61 and Hougang Street 61. They also did a site recce 2 days before the fieldwork at both streets.

During their fieldwork, students used a questionnaire to survey 100 residents from each street. They conducted their questionnaire at 9am to 6pm at 4 sites of each street and took a total of 2 days in the December holidays to complete their questionnaire. The students identified elderly-looking people who were walking by, verified their age, sought their consent before beginning the questionnaire.

Resource 1 shows the two streets and eight sites where students conducted their onsite investigations. Resource 2 shows photographs of two of the sites where the students conducted their questionnaire. Resource 3 shows the questionnaire that the students used. Resource 4 shows the results of the questionnaire.

- (a) Explain **two** weaknesses of the students' hypothesis. [4]
- (b) Using Resources 1 and 2, explain the strengths and weaknesses of the student's choice of locations and sample sites where the elderly residents were surveyed. [6]
- (c) Explain why the sequence of the student's data collection was useful for their investigation. [5]
- (d) Using Resource 4, sketch a graph to present the data for Question 1 for both sites. [5]
- (e) The students concluded that Silver Zones in Singapore have met the needs of elderly above the age of 65 years old. With reference to all resources, evaluate the validity of their conclusion. [10]

Section B

Cluster 1: Sustainable Future and Climate Change

Answer **both** questions

- 2** Resource 5 is a graph which shows the changes in urban population for 4 cities between 1950 to 2030. Resource 6A is a photograph of a section of the abandoned West Side Freight Line before its transformation into the High Line. Resource 6B are photographs of some sections of the elevated High Line after urban reimagining. Resource 7 is an excerpt of a news article on the High Line published in 2024.
- (a) Using Resource 5, compare the changes in urban population of the 4 cities between 1950 to 2030. [4]
 - (b) Explain how urban population loss influence progress towards sustainable urban development. [4]
 - (c) Using Resources 6A and 6B, describe the changes in the area occupied by the High Line before and after urban reimagining. [4]
 - (d) With reference to Resources 6B and 7, explain how the High Line urban reimagining project can lead to complementarity and tensions between sustainable urban development and liveability. [6]
 - (e) Explain **two** factors that contribute to varying success of urban reimagining strategies across places. [4]
- 3** Resource 8 shows summer ice cover in the Northern Hemisphere 18,000 years ago and in the present day. Resource 9 shows the change in annual primary forest loss in Brazil from 2002 to 2023. Resource 10 shows surface air temperature anomalies in 2023 as compared with the 30-year average (1991-2020).
- (a) Using Resource 8, describe the changes to summer ice cover in the Northern Hemisphere from 18,000 years ago to present day. [4]
 - (b) Explain how the observed changes to ice cover could have accelerated global warming. [4]
 - (c) Using Resource 9, describe the change in annual primary forest loss in Brazil from 2002 to 2023. [4]
 - (d) Explain how deforestation and industrialisation can disrupt the global carbon cycle. [6]
 - (e) Using Resource 10, describe surface air temperature anomalies in 2023. [4]

Section C**Cluster 1: Sustainable Future and Climate Change**

Answer **two** questions

- 4** 'Slum management is a greater challenge than waste management for cities attempting to achieve sustainability.'

Evaluate this statement. [13]

- 5** 'The most pressing issues faced by women living in cities relate to their economic well-being.'

Evaluate this statement. [13]

- 6** 'Political challenges are a key barrier in implementing strategies to respond to climate change.'

Evaluate this statement. [13]