



ANGLO-CHINESE JUNIOR COLLEGE

JC2 Preliminary Examination

Higher 1

GEOGRAPHY

8834/01

Paper 1

28 August 2025

3 hours

Additional Materials: Insert
 Cover Sheet
 Answer Paper

READ THESE INSTRUCTIONS FIRST

You should follow the instructions on the cover sheet. If you need additional answer paper, ask the invigilator.

Write your index number and name 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**.

Start your answer to each question on a fresh sheet of answer paper.

At the end of the examination, your answers should be separated and securely fastened into **2 bundles**. Attach the cover sheet on top of Bundle 1.

- Bundle 1: Cover sheet and answers to Questions 1 and 2.
- Bundle 2: Answers to Question 3 and Questions in Section C.

The number of marks is given in brackets [] at the end of each question or part question.

This document consists of **4** printed pages.

Section A**Cluster 2 Fieldwork**

- 1** A group of students conducted a fieldwork investigation on the needs of elderly residents in Toa Payoh, Singapore. The focus of their investigation was to assess how well pedestrian pathways and neighbourhood amenities support elderly residents in staying active and independent. The hypothesis for their study was:

‘Pedestrian pathways and the markets in Toa Payoh adequately meet the needs of elderly residents.’

The students conducted the investigation over two weekdays in October, between 9am and 12pm. The students started by firstly doing a pre-fieldwork site visit of Toa Payoh Estate. The main locations selected were a pedestrian pathway in Toa Payoh Central and another in the hawker and market centre.

They then started to collect data by conducting a survey of elderly residents at the two locations. The aim was to gather data on their experiences about the pedestrian pathways and the markets in Toa Payoh. They approached anyone that they thought looked over 60. A total of 40 elderly respondents, aged 60 and above, participated in the survey. They also took photographs of the pathways and the markets in the area.

Resource 1 shows a map of Toa Payoh and the locations of the fieldwork sites. Resource 2 shows photographs of the pedestrian pathways and the market in Toa Payoh. Resource 3 shows the results of the survey about pedestrian pathways. Resource 4 shows the results of the survey about markets in Toa Payoh.

- (a) Explain why this hypothesis is suitable for the investigation. [4]
- (b) With reference to Resources 1 and 2, suggest how the students could minimise potential impacts at the sites while conducting their investigation. [5]
- (c) Explain the benefits of conducting a pre-fieldwork site visit of Toa Payoh estate. [4]
- (d) With reference to Resource 3, describe the results on satisfaction with pedestrian pathways. [3]
- (e) Sketch a graph to present the data in Resource 4. [4]
- (f) Evaluate the usefulness of the investigation in helping students understand factors affecting liveability for the elderly living in Toa Payoh. [10]

Section B**Cluster 1 Sustainable Future and Climate Change**

Answer **both** questions

- 2** Resource 5 shows the projected waste generation by region from 2016 to 2050. Resource 6 shows a landfill site. Resource 7 shows a slum in Manila, the Philippines.
- (a) Using Resource 5, compare the waste generation by region from 2016 to 2050. [5]
 - (b) Using Resource 6, describe the environmental problems that occur in areas surrounding landfills sites. [3]
 - (c) With the use of examples, explain how cities can manage non-hazardous solid waste. [6]
 - (d) With reference to Resource 7, describe the deprivations experienced by slum dwellers. [4]
 - (e) Explain the reasons for development of slums in urban areas of countries at lower levels of development. [4]
- 3** Resource 8 shows the extent of Arctic summer sea ice from 1979 to 2024. Resource 9 shows the variations in vulnerability to the impacts of climate change. Resource 10 shows the cumulative share of historical fossil carbon dioxide emissions by continents since 1860.
- (a) With reference to Resource 8, explain the feedback mechanism leading to the changes to the extent of Arctic summer sea ice from 1979 to 2024. [4]
 - (b) Using Resource 9, describe the variations in vulnerability to the impacts of climate change. [4]
 - (c) With reference to Resource 9, explain why some places are more vulnerable to the impacts of climate change. [6]
 - (d) Explain how Resources 9 and 10 reflect climate injustice. [4]
 - (e) Describe **four** adaptation strategies that have been used to reduce vulnerability to the impacts of climate change. [4]

Section C

Answer **two** questions

- 4** Evaluate the success of strategies in addressing the issues faced by women living in the city. [13]
- 5** 'Urban reimaging has been successful in creating more sustainable cities.'
Evaluate this statement. [13]
- 6** Evaluate the role of state actors in responding to contemporary climate change. [13]