



ANGLO-CHINESE JUNIOR COLLEGE

JC1 Promotional Examination

Higher 2

GEOGRAPHY

9173

3 October 2023

2 hours 10 minutes

Additional Materials:

Answer Paper
1 Insert
1 Cover Sheet

READ THESE INSTRUCTIONS FIRST

Write your name and class 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 **all** questions.

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

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

At the end of the examination, fasten your work securely into **2 bundles** as follows:

- Bundle 1: Cover sheet and answers to Questions 1 and 3
- Bundle 2: Answers to Questions 2 and 4

This document consists of **3** printed pages and **1** blank page.

Section A

Answer **all** questions.

Cluster 2: Tropical Environments

- 1** Resource 1 shows the rainfall and average monthly river discharge at selected sites in the Nile River basin.
- (a)** Explain why the rainfall patterns of Entebbe [tropical rainforest climate (Af)] and Atbara [tropical desert climate (BWh)] shown in Resource 1 are different. [6]
 - (b)** With the aid of Resource 1, explain how the climate and vegetation factors lead to differences in the flows and stores of drainage basins with the Af climate and the BWh climate. [6]
 - (c)** Explain why storm hydrographs are flashy in rivers draining through an urban area like Entebbe. [3]

Cluster 3: Sustainable Future and Climate Change

- 2** Resource 2 shows the proportion of elderly as a proportion of the resident population in Singapore from 1970 to 2020. Resource 3 shows a survey of the elderly living in Singapore.
- (a)** Describe and account for the changes in the proportion of elderly as a proportion of the resident population from 1970 to 2020. [5]
 - (b)** With the aid of Resource 3, explain the issues faced by the elderly living in the city. [6]
 - (c)** Using two examples, explain the strategies that can be implemented to address the issues faced by the elderly living in the city. [4]

Section B

Answer **all** questions.

Cluster 2: Tropical Environments

- 3** Evaluate the extent to which fluvial floods in the humid tropics can be effectively managed. [20]

Cluster 3: Sustainable Future and Climate Change

- 4** 'Developing states are the most vulnerable to the impacts of contemporary climate change.'

Evaluate this statement. [20]

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