



ANGLO-CHINESE JUNIOR COLLEGE

JC1 Mid-Year Assessment 2023

GEOGRAPHY

9173/01

Paper 1

28 June 2023

1 hour 15 minutes

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

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 Question 2 in **Section B**.

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

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

- Bundle 1: Cover sheet and answers to Section A (Cluster 3)
- Bundle 2: Answers to Section B (Cluster 2)

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

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

Section A

Answer Question 1.

Cluster 3: Sustainable Future and Climate Change

- 1** Resource 1 and Resource 2 show the slum conditions in Nairobi. Resource 3 shows the new public housing project for slum dwellers in Kibera, Nairobi. Resource 4 shows details about the new public housing project for slum dwellers in Kibera, Nairobi.
- (a)** Suggest reasons for slum development in cities in less developed countries. [4]
- (b)** With reference to Resources 1 and 2, describe the deprivation experienced by slum dwellers in Nairobi. [6]
- (c)** With reference to Resources 3 and 4, describe the characteristics of the new public housing project to improve the lives of slum dwellers. [4]
- (d)** With reference to Resources 3 and 4, explain the limitations of the new public housing project in improving the lives of slums dwellers. [6]

Section B

Answer Question 2.

Cluster 2: Tropical Environments

- 2** Resource 5A shows the climograph of Jakarta, Indonesia. Resource 5B shows the location of Jakarta and the seasonal prevailing winds. Resource 6 shows the average sea surface temperature anomalies during the El Nino event in 2015. Resource 7 shows the distribution of tropical cyclones. Resource 8 shows a rocky tropical desert landscape in Eilat, Israel.
- (a)** With the aid of Resource 5B, explain the rainfall and temperature patterns of Jakarta shown in Resource 5A. [5]
- (b)** With reference to Resource 6, describe the differences in sea surface and atmospheric conditions between El Nino and the Walker Circulation. [4]
- (c)** Explain the conditions that promote the formation and distribution of tropical cyclones shown in Resource 7. [6]
- (d)** Explain why the generation of overland flow in the rocky tropical desert shown in Resource 8 will be different from the generation of overland flow in a tropical rainforest. [5]

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This Insert contains all the Resources referred to in the questions.

This document consists of **9** printed pages and **1** blank page.

Resource 1 for Question 1

Slum conditions in Nairobi



Resource 2 for Question 1

Slum conditions in Nairobi



Resource 3 for Question 1**The new public housing project for slum dwellers in Kibera, Nairobi**

Resource 4 for Question 1**Details about the new public housing project for slum dwellers in Kibera, Nairobi**

The government is to put up more than 3,000 housing units in Soweto in Kibera, Nairobi, as it embarks on the second phase of the slum-upgrading project in the area.

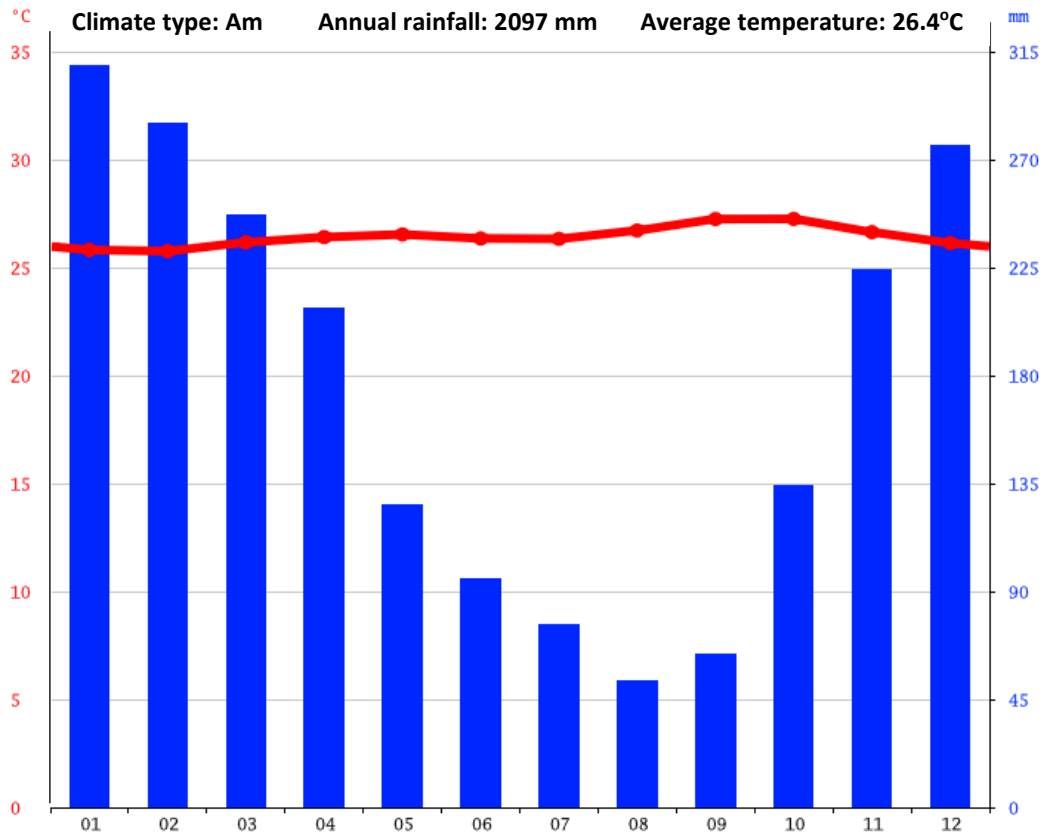
The 3,072 houses comprising one, two and three rooms each will come with a kitchen, toilet and bathroom. They are scheduled for completion in two years and will cost USD 46 million.

Each of the houses is sold at a subsidised rate, as the government states that they are not looking to make a profit but to recover construction costs. In the just-concluded phase, a one-room unit was sold for USD4000; a two-room unit for USD7000 and a three-room unit for USD10000. Occupants have up to 25 years to pay for the houses at an annual three per cent interest rate.

'We have done a socio-economic study of the area, so we understand the incomes of the people. Based on that, we sit down and design with them and the numbers are based on the level of affordability after we discuss with the Kibera people themselves,' the housing minister said.

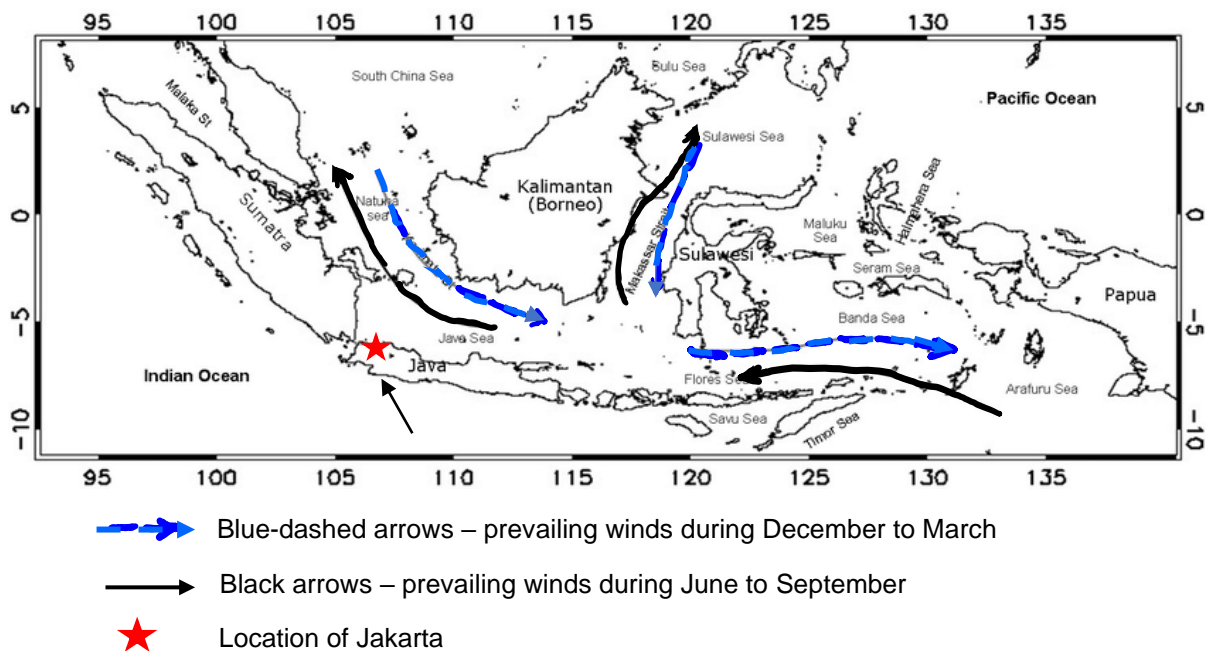
The plan includes having buildings as high as 10 floors. The housing minister said that they will fit them with strong lifts, which will be properly managed. The project will also include a commercial centre, a youth centre and hundreds of market stalls for the residents to conduct business.

Resource 5A for Question 2
Climograph of Jakarta, Indonesia



Resource 5B for Question 2

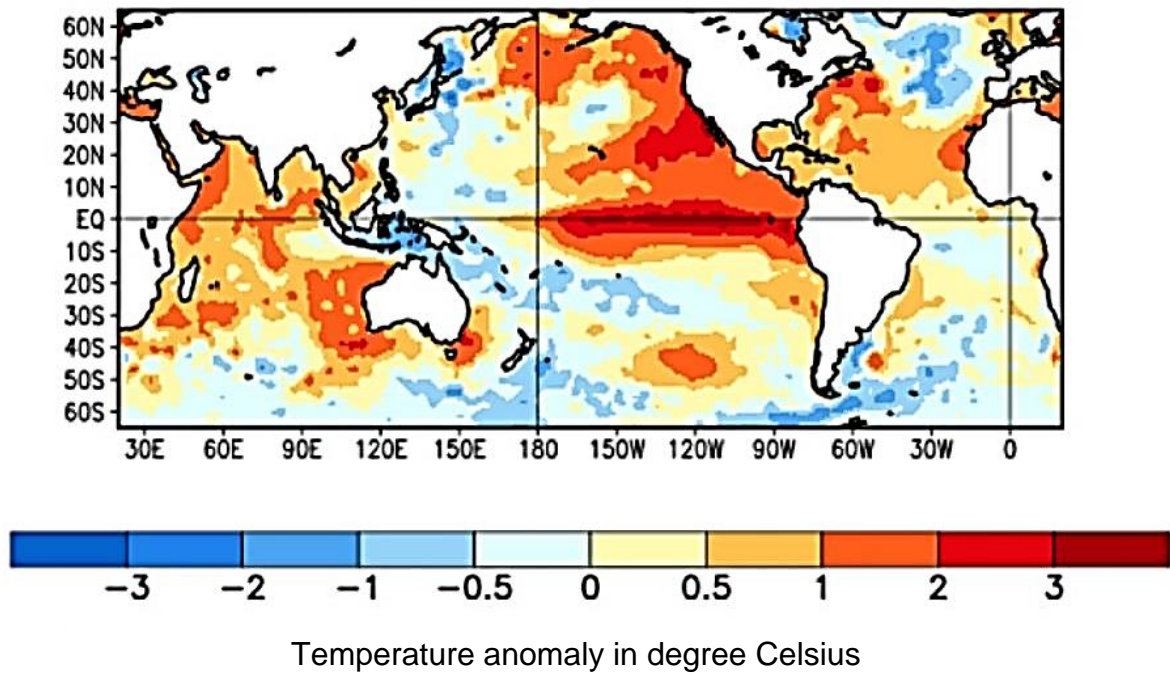
Location of Jakarta (6.2° South) and prevailing winds



Resource 6 for Question 2

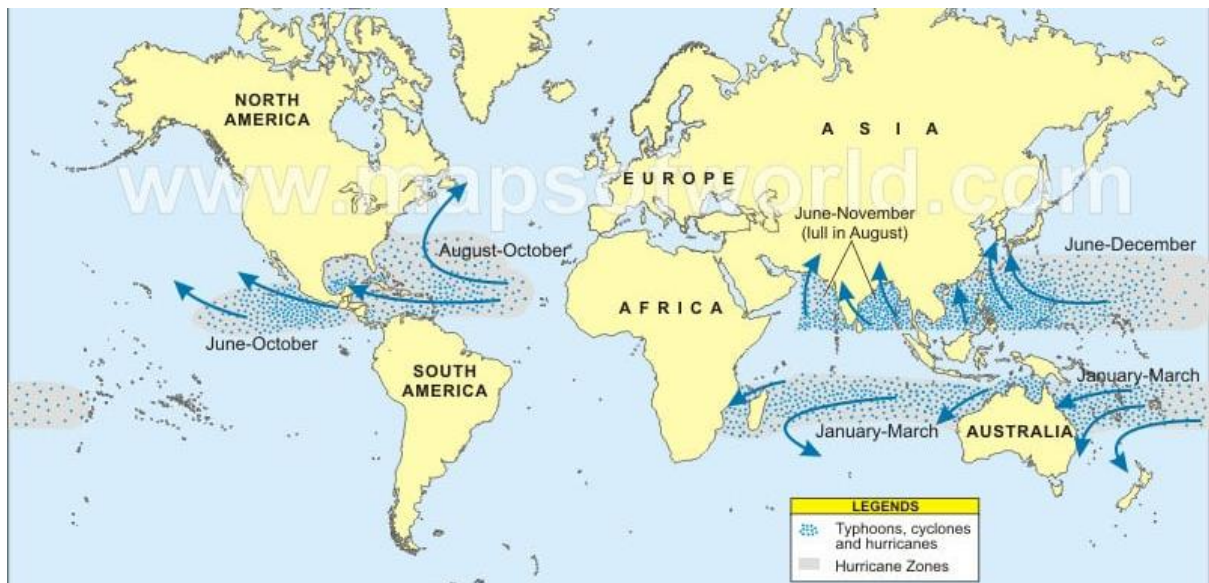
Average sea surface temperature (SST) anomalies

11 Oct 2015 – 7 Nov 2025



Resource 7 for Question 2

Spatial and temporal distribution of tropical cyclones



Resource 8 for Question 2

Rocky landscape in tropical desert in Eilat, Israel (BWh climate)



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