



ANDERSON SERANGOON JUNIOR COLLEGE

JC1 H1 Geography Mid-Year Common Test (2023)

H1 GEOGRAPHY

8834/ 01

28 June 2023

1 hr 30 mins

Additional Materials:

Writing Paper
1 Insert

READ THESE INSTRUCTIONS FIRST

Write your name and class in the spaces provided below, and on all 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.

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

Name: _____

Class: _____

Section A (Structured Questions)		Total Marks
1	2	
<div></div>	<div></div>	<div></div>
22	22	44
Percentage		100

This question paper consists of 3 printed pages and 1 blank page.

[Turn Over]

Section A

Answer **both** questions.

Cluster 1: Sustainable Future and Climate Change

- 1** Resource 1 shows the percentage of the total population that lives in urban areas for selected world regions from 1990 to 2050 (projected). Resource 2 shows the ecological footprints of Athens, Greece, and Cairo, Egypt. Resource 3 is a cross section of a home in Beddington Zero Energy Development (BedZED) to show water and power systems. BedZED is the UK's largest sustainable urban development and was designed to be carbon neutral.
- (a) Using Resource 1, describe the variations in growth of urban populations in the world regions between 1990 and 2050. [4]
- (b) Suggest reasons for the variations in growth of urban populations in the world regions as seen in Resource 1. [4]
- (c) Explain how the concept of ecological footprint can help to measure sustainability. [4]
- (d) Using Resource 2, compare the components of the ecological footprint of Athens, Greece with those of Cairo, Egypt. [4]
- (e) With reference to Resource 3, explain why living in BedZED could be environmentally sustainable. [6]

Cluster 1: Sustainable Future and Climate Change

- 2** Resource 4 shows waste generation per capita and urbanisation rate of various regions in the world. Resource 5 shows plastic waste management in the USA from 1960 to 2015 (thousand tonnes). Resource 6 is an article on recycling in Canada.
- (a)** With reference to Resource 4, describe the differences in waste generation between Sub-Saharan Africa and North America. [4]
- (b)** Suggest reasons for the difference in waste generation per capita between Sub-Saharan Africa and North America, as seen in Resource 4. [4]
- (c)** Describe the trends in plastic waste management in the USA from 1960 to 2015, as seen in Resource 5. [4]
- (d)** Explain why incineration is a common waste management strategy in cities. [4]
- (e)** With reference to Resource 6, explain why recycling may be limited in effectiveness to manage waste in Canada. [6]