

Name: _____

Class: _____



JURONG PIONEER JUNIOR COLLEGE

JC2 Preliminary Examination 2025

GEOGRAPHY
Higher 2

Paper 2

Additional materials: Insert

9173/02

18 September 2025

3 hours

READ THESE INSTRUCTIONS FIRST

An answer booklet will be provided with this question paper. You should follow the instructions on the front cover of the answer booklet. If you need additional answer paper ask the invigilator for a continuation of booklet.

Section A

Answer **Question 1**.

Section B

Answer **Question 2**.

Section C

Answer **one** question.

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

This document consists of **4** printed pages and **1** Insert.

[Turn over

Answer Questions 1 and 2 and
EITHER Question 3 **OR** Question 4

Section A

Cluster 4 Fieldwork

- 1** A group of 12 students decided to investigate the flood risk in Bangkok, Thailand. More specifically, they were keen to understand the threat experienced by people in different flood risk zones. They visited fifteen households in each flood risk zone over three days—Monday, Wednesday, and Friday—and interviewed one member from each household using a questionnaire. The results of this questionnaire were then compared across the three flood risk zones.

Resource 1 shows the flood risk zones in Bangkok, Thailand. Resource 2 shows the questionnaire used in the investigation. Resource 3 shows the results of Question 6c in the questionnaire compared between the three flood risk zones.

- (a) Suggest a suitable hypothesis for the fieldwork investigation and state two reasons why it is at a suitable scale. [3]
- (b) With reference to Resource 1, explain the benefits of collecting data at the three sites shown. [4]
- (c) Suggest two ethical issues the students should consider when conducting this investigation. [5]
- (d) Suggest how the students can improve their sampling for the investigation. [6]
- (e) Explain the strengths and limitations of the questionnaire shown in Resource 2. [6]
- (f) Using Resource 3, explain what the results suggest about the threat experience of the people living in each of the three zones. [6]
- (g) Evaluate the effectiveness of this investigation in understanding the threat experienced by people in different flood risk zones. [10]

Section B**Cluster 3 Sustainable Future and Climate Change**

- 2** Resource 4 shows the number of slum population in Mumbai district, India in 2020. Resource 5 shows access to basic amenities in urban and rural India in 2024. Resource 6 shows a slum housing site in Mumbai, India.
- (a) Suggest two relevant indicators to monitor sustainable urban development. [4]
 - (b) Describe the distribution of slum population in Mumbai District as shown in Resource 4. [4]
 - (c) Compare the access to basic amenities in urban India and rural India, as shown in Resource 5. [5]
 - (d) Citing data from Resource 5, explain why rural populations continue to move into urban areas in countries at low level of development. [5]
 - (e) With reference to Resource 6, explain how the multiple deprivations experienced by slum dwellers in Mumbai can impact sustainable urban development. [6]
 - (f) Explain why slums may also develop in urban areas of countries at higher level of development. [6]

Section C

Answer **EITHER** Question 3 **OR** Question 4

- 3** 'Environmental factors pose the greatest challenge to liveability in urban areas.'
Evaluate this statement. [20]
- 4** Evaluate the view that contemporary climate change is attributed more to natural factors than human activities. [20]