



TAMPINES MERIDIAN JUNIOR COLLEGE

JC2 PRELIMINARY EXAMINATION

CANDIDATE
NAME

CIVICS GROUP

H2 GEOGRAPHY

9173/01

Paper 1

12 September 2024
3 Hours

Additional Materials: 12 Page Answer Booklet
1 Insert

READ THESE INSTRUCTIONS FIRST

Write your answers in the answer booklet provided. 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 booklet.

Answer **all** questions.

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

You should make a reference to appropriate examples studied in the field or the classroom, even where the examples are not specifically requested by the question.

Diagrams and sketch maps should be drawn wherever they serve to illustrate an answer.

You are reminded of the need for good English and clear presentation in your answers.

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

This document consists of **4** printed pages



Section A

Answer **both** questions

Cluster 1: Development, Economy and Environment

- 1** Resource 1 shows the types of energy resources used for electricity generation in selected countries, 2017.
Resource 2 shows the global distribution of solar power energy plants.
Resource 3 shows the distribution of employment by sector for LICs and HICs, 1991 and 2018.
- (a) Describe the variations in the types of energy resources used for energy generation for the countries shown in Resource 1. [5]
 - (b) Using Resource 1 and your own knowledge, explain the limitations of hydroelectric power (HEP) as an alternative to fossil fuel. [4]
 - (c) Using Resource 2, describe the distribution of solar power plants globally. [3]
 - (d) Account for the pattern of distribution as seen in Resource 2. [4]
 - (e) Compare the changes in employment for LICs and HICs shown in Resource 3. [4]
 - (f) Using Resource 3, explain the distribution of employment by sector for LICs and HICs in 2018. [4]
 - (g) Explain how multilateral institutions can affect economic activities for countries at lower levels of development. [6]



Cluster 2: Tropical Environments

- 2** Resource 4 shows climographs of two different tropical climates in Southeast Asia.
Resource 5 shows a picture of the High Country Rivers in New Zealand.
Resource 6 shows the landslide potential map of mainland USA.

- (a) Compare the two climographs shown in Resource 4. [4]
- (b) Using Resource 4, account for the difference in rainfall and temperature of Luang Prabang and Quy Nhon. [6]
- (c) Using Resource 5, draw a cross-section sketch of X to Y, label the main features. [3]
- (d) Explain how the formation of the river channel shown in Resource 5 is formed. [4]
- (e) Describe the distribution of landslides as shown in Resource 6. [4]
- (f) Explain why some areas are more prone to landslides than others. [4]
- (g) Explain how water erosion can influence movements of materials on slopes. [5]



Section B

Answer **either** question 3 **or** question 4 and answer **either** question 5 **or** question 6.

Cluster 1: Development, Economy and Environment

- 3** 'Trade-offs are necessary to achieve Sustainable Development'.

Evaluate this statement. [20]

- 4** Evaluate the causes of transboundary water conflict.

[20]

Cluster 2: Tropical Environments

- 5** 'Tropical cyclones are the main cause of fluvial flooding in the tropics.'

Evaluate this statement. [20]

- 6** Evaluate the factors affecting the storages and pathways in drainage basin systems in the tropics.

[20]

[End of Paper]

