

Raffles Institution

H2 GEOGRAPHY
9173 Paper 1

Time: 3 hours

[illegible]

READ THESE INSTRUCTIONS FIRST

Answer both questions in **Section A**.

Answer two questions in **Section B**, one from each cluster.

At the end of the examination, fasten all your work securely together.

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.

At the end of the examination, fasten all your work securely together.

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

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

Answer every question on a fresh sheet of writing paper.

SECTION A

Answer **both** questions.

Cluster 1: Development, Economy and Environment

- 1** Resource 1 shows the construction of dams in the Mekong Basin. Resource 2 shows the percentage of forested areas in countries in ASEAN.
- (a)** Using Resource 1, compare the patterns of dam construction between Laos and Cambodia. [4]
 - (b)** Suggest why China has constructed the most dams on the Upper Mekong River as depicted in Resource 1. [6]
 - (c)** Explain how hydroelectric dams may affect provisioning services to riparian states downstream such as Cambodia and Vietnam as shown in Resource 1. [6]
 - (d)** With reference to Resource 2, compare the patterns of forested areas between Cambodia and Vietnam. [4]
 - (e)** Explain how the loss of forests may compromise the regulating services of the environment. [3]
 - (f)** Explain the advantages of solar power over hydropower for countries in ASEAN. [7]

Cluster 2: Tropical Environments

- 2 Resource 3 shows information on temperature and rainfall of Ko Phi Phi, Thailand. Resource 4 shows a landform at Nui Beach of Ko Phi Phi. Resource 5 is a schematic diagram of landform development at Ko Phi Phi.
- (a) Cite data from Resource 3 to identify the climatic zone (based on Köppen-Geiger's classification) of Ko Phi Phi. [4]
 - (b) Using Resource 3, explain the dominant weathering process that can take place at Ko Phi Phi. [4]
 - (c) Describe the features of the landform given in Resource 4. [4]
 - (d) Using Resource 5, explain the development of the landform shown in Resource 4. [8]
 - (e) With reference to Resource 4, explain **two** cultural services that can be provided by Nui Beach. [4]
 - (f) Using all the Resources, describe how geomorphic processes may cause authorities of Thailand to impose a fee to enter Nui Beach. [6]

SECTION B

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

Cluster 1 Development, Economy and Environment

- 3** 'The primary role of the state is to regulate economic activities.'

Evaluate this statement. [20]

- 4** 'The destruction of habitats can primarily be blamed on TNCs.'

Evaluate this statement. [20]

Cluster 2 Tropical Environments

- 5** 'The only difference between the humid and arid tropics lies in the amount of rainfall received.'

Evaluate this statement. [20]

- 6** 'Climate is the key factor in determining the formation of meandering and braided channels in the tropics.'

Evaluate this statement. [20]