

Raffles Institution

H2 GEOGRAPHY
9173 Paper 1

Time: 3 hours

[illegible]

Additional Materials: Insert

READ THESE INSTRUCTIONS FIRST

Section A.

Answer **both** questions

Section B

Answer **two** questions, **one** from each cluster.

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.

At the end of the examination, submit Cluster 1 and Cluster 2 SEPARATELY.

SECTION A

Answer **both** questions.

Cluster 1: Development, Economy and Environment

- 1** Resource 1 shows the foreign direct investment (FDI) inflows of selected countries in 2018 and 2019. Resource 2 shows the population density in China in 2019. Resource 3 shows the establishment of Free Trade Zones in China from 2013 to 2019. Resource 4 shows the Global Production Network of metals extraction and batteries for TESLA Electric Vehicles (EV) cars.
- (a)** Using Resource 1, describe the patterns of FDI inflows in developed economies. [4]
 - (b)** Suggest reasons for the high FDI inflows into the China shown in Resource 1. [4]
 - (c)** With reference to Resources 2 and 3, explain the uneven distribution of Free Trade Zones across China. [5]
 - (d)** Explain how sustainable development of a country may be impacted by the establishment of Free Trade Zones as shown in Resource 3. [5]
 - (e)** With reference to Resource 4, explain how the mining and EV industries may help explain the interconnectedness between different countries across the globe. [6]
 - (f)** Explain how Transnational Corporations (TNCs) may compromise the ability of the environment to provide ecosystem services. [6]

Cluster 2: Tropical Environments

- 2** Resource 5 shows average June weather data for Mumbai, India for El Niño, La Niña and non-ENSO years, 2003-2023. Resources 6A and 6B shows the generalised climatic impacts of El Niño (2018-2019) and La Niña (2020-2023) for months of June to August. Resource 7 shows weather information for Mumbai in 2024.
- (a) Using Resource 5, describe the changes in temperature caused by El Niño and La Niña. [4]
 - (b) Using Resource 6A, describe the location and extent of the dry areas during El Niño years. [4]
 - (c) Explain the differences in temperatures off the coast of eastern Pacific between El Niño and La Niña years shown in Resources 6A and 6B. [6]
 - (d) Explain the rainfall pattern in Mumbai shown in Resource 7. [6]
 - (e) With reference to Resource 7, explain the differences in temperature between the months of March to May and June to August in Mumbai. [4]
 - (f) Explain the usefulness of Resources 5, 6A, 6B and 7 to those responsible for managing floods in the tropics. [6]

SECTION B

Answer **two** questions from this section.

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

Cluster 1 Development, Economy and Environment

- 3** 'The conflicts over transboundary rivers can be explained by the Malthusian Principle of population exceeding resources.'

Evaluate this statement. [20]

- 4** Evaluate how global factors may influence the structure of a country's economy. [20]

Cluster 2 Tropical Environments

- 5** Evaluate the role of global atmospheric circulation on the drainage basin water balance in the tropics. [20]

- 6** Evaluate the extent to which climate determines the rate and type of weathering of rocks in the tropics. [20]