



ST ANDREW'S JUNIOR COLLEGE
Final Examination
Higher 2

Geography

9173/01

Paper 1 (Cluster 2)

27 Sept 2023

1h 30 min

Additional Materials: Answer Paper
1 Insert

READ THESE INSTRUCTIONS FIRST

Write your name and class on all the work you hand in.
Write in dark blue or black pen on both sides of the paper.
You may use a soft pencil for any diagrams, graphs or rough working.
Do not use paper clips, highlighters, glue or correction fluid.
Begin each question on a fresh page.

Answer Question 1 and **either** Question 2 **or** 3.

The insert contains all the Resources referred to in the questions.
You should make reference to appropriate examples studied in the field or the classroom, even where such examples are not specifically requested by the question.
Diagrams and sketch maps should be drawn whenever they serve to illustrate an answer.
You are reminded of the need for good English and clear presentation in your answers.

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

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

You are advised to spend **not** more than 50 min in Section A and 40 min in Section B.

This document consists of **2** printed pages.

[Turn over

Section A

Answer **Question 1**.

- 1 Resource 1 shows the climate graph of Ho Chi Minh, Vietnam. Resource 2A is a schematic diagram of drainage basin systems in Tropical Savannah climate zone during the wet season. Resource 2B is a schematic diagram of drainage basin systems in Tropical Savannah climate zone during the dry season. Resource 3 shows the land cover of upstream Dong Nai River Basin, Vietnam in 1973 and 2014. Resource 4 is a map of Pacific Ocean showing the location of Vietnam within the tropical Pacific.
 - (a) Cite data from Resource 1 to describe the temperature and rainfall characteristics of Ho Chi Minh, Vietnam. [4]
 - (b) Describe components X and Y shown in Resource 2A. [4]
 - (c) Describe the differences between the drainage basin systems during dry and wet seasons shown in Resources 2A and 2B respectively. [5]
 - (d) Describe the changes in the land cover of upstream Dong Nai River Basin shown in Resource 3. [5]
 - (e) With reference to Resource 3, explain how land cover changes may affect flows and stores in the Dong Nai River Basin. [6]
 - (f) With reference to Resource 4, explain the rainfall patterns during the El Nino and La Nina phases in western Pacific countries such as Vietnam. [6]

Section B

Answer **either** Question 2 **or** Question 3.

- 2 'Impacts of fluvial floods are always negative.'
Evaluate this view. [20]
- 3 Evaluate the effectiveness of flood management strategies. [20]