



VICTORIA JUNIOR COLLEGE

JC2 PRELIMINARY EXAMINATION 2024

H2 GEOGRAPHY

Paper 1

9173/01

3 hours

READ THESE INSTRUCTIONS FIRST

Write your name and index number on the work you hand in.

Write in dark blue or black pen on both sides of the paper.

You may use an HB pencil for any diagrams or graphs.

Do not use staples, paper clips, glue or correction fluid.

Answer **all** questions in Section A.

Answer **two** questions in Section B.

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 map should be drawn whenever they serve to illustrate and answer.

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

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

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

Section A

Answer both questions.

Cluster 1 Development, Economy and Environment

- 1** Ferrero Group is an Italian transnational company with headquarters in Alba, Italy. Ferrero is a manufacturer of branded chocolate and confectionery products, and the second biggest chocolate producer and confectionery company in the world.

Resource 1 shows Ferrero Group's global supply chain. Resource 2 is an article on the impacts of Ferrero Group's global supply chain. Resource 3 shows the sales of the top four confectionery companies by region in 2015.

- (a) Explain how the Global Production Networks (GPNs) of TNCs like Ferrero Group connect places within the global economy. [5]
- (b) Suggest reasons for the spatial distribution of Ferrero Group's GPN as seen in Resource 1. [5]
- (c) With reference to Resource 2, explain the impacts of Ferrero Group's global production of Nutella. [6]
- (d) Suggest how states can mitigate the impacts of Ferrero Group's global production of Nutella. [5]
- (e) Compare the share of sales of Mars Inc and Ferrero Group in 2015 shown in Resource 3. [4]
- (f) With reference to Resource 3, account for Ferrero Group's share of sales in North America and Western Europe. [5]

Cluster 2 Tropical Environments

- 2** Kampot is a province in southwest Cambodia. It is located at a latitude of 10°N and experiences the Tropical Monsoon (Am) climate. Phnom La'ang is a limestone karst landscape in Kampot covering more than 500 hectares.

Resource 4 is a photograph of tower karsts in Kampot. Resource 5 is a climograph of Kampot, with the line graph showing temperature and the bar graph showing rainfall. Resource 6 is a photograph of Phnom Chhnork, a Hindu temple in a limestone cave in Kampot. Resource 7 is an adapted article excerpt on limestone quarrying in Cambodia.

- (a) With the use of an annotated diagram, describe the features of the karst landscape shown in Resource 4. [4]
- (b) With reference to Resource 5, account for the temperature characteristics of Kampot, Cambodia. [5]
- (c) With reference to Resource 4 and 5, explain why chemical weathering processes are likely to be dominant in this location. [5]
- (d) Explain how the limestone cave in Resource 6 was formed. [5]
- (e) Describe the ecosystem services offered by karst landscapes in Cambodia as seen in Resource 6 and 7. [6]
- (f) With reference to Resource 7, explain how the ecosystem services of karst landscapes in Cambodia can be threatened by limestone quarrying. [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** 'Renewable energy sources are good alternatives to fossil fuels as energy sources.'
Evaluate this statement. [20]
- 4** 'Strategies to manage conflicts over transboundary water resources are usually
unsuccessful.' Evaluate this statement. [20]

Cluster 2 Tropical Environments

- 5** Evaluate the influence of tropical cyclones on rainfall patterns in the tropics. [20]
- 6** Evaluate the influence of natural factors on the shape and size of deltas. [20]