



VICTORIA JUNIOR COLLEGE

JC 2 PRELIMINARY EXAMINATION 2017

H2 GEOGRAPHY

9751/01

Paper 1

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 **three** questions. **One** from each section.

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.

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

Section A – Tropical Environments

Answer **one** question from this section.

- 1 (a) Explain how El Niño may have varying impacts on precipitation in different parts of the tropics. [12]
- (b) Discuss the extent to which precipitation vary between the different climate zones in the humid tropics. [20]
- 2 (a) Explain how channel patterns may vary in the tropics. [12]
- (b) To what extent are hard engineering strategies more effective than soft engineering strategies in managing floods? [20]

Section B – Development, Economy and Environment

Answer **one** question from this section.

- 3 (a) Explain the usefulness of the Human Development Index (HDI) and the Multidimensional Poverty Index (MPI) in measuring development at various scales. [12]
- (b) Discuss how non-firm actors can help to facilitate economic development. [20]
- 4 (a) Explain how the economic structure of countries at higher levels of development might change. [12]
- (b) To what extent is it possible to narrow the development gap? [20]

Section C – Sustainable Development

Answer **one** question from this section.

- 5 **(a)** Explain how the impacts of climate change may challenge efforts to achieve sustainable development in countries at low levels of development. [12]
- (b)** To what extent can alternative energy sources replace fossil fuels? [20]
- 6 **(a)** Explain how the concepts of *ecological footprint* and *urban metabolism* are important in the understanding of sustainable urban development in cities with high resource use. [12]
- (b)** Discuss the effectiveness of strategies to manage non-hazardous solid waste in urban areas. [20]