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## **GEOGRAPHY**

Paper 1 Structured Essay Questions

**9751/01**

**13 September 2018**

**3 hours**

Additional Materials: Answer Paper  
World Outline Map

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### **READ THESE INSTRUCTIONS FIRST**

Write your name, civics group and question number on all the work you hand in.  
Write in dark blue or black pen on both sides of the paper.  
Write your answer to each question on a fresh sheet of paper.  
Do not use paper clips, highlighters, glue or correction fluid.

You should make reference to appropriate examples studied in the field or the classroom, even when such examples are not specifically requested by the question.  
Diagrams and sketch maps should be drawn whenever they serve to illustrate your answer.

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

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This document consists of **3** printed pages and **1** blank page.

### Section A – Tropical Environments

Answer **one** question from this section.

- 1 (a) Explain the factors influencing rainfall distribution in the humid tropics. [12]
- (b) 'The interplay of climate and geology explains the variation in the karst landscapes in the humid tropics.' Discuss this statement with support from relevant diagram(s). [20]
- 2 (a) Explain the variations in the drainage basin water balance within the tropics. [12]
- (b) 'Channel patterns constantly evolve as a result of different physical conditions'. Discuss this statement with support from relevant diagram(s). [20]

### Section B – Development, Economy and Environment

Answer **one** question from this section.

- 3 (a) Explain how the core-periphery model and dependency theory help in understanding development in low income countries. [12]
- (b) 'The state is no longer important with the presence of other actors in the global economy'. To what extent do you agree with this statement? [20]
- 4 (a) Explain how Thomas Malthus and Ester Boserup view the relationship between population and resources. [12]
- (b) Assess the success of strategies used to manage transboundary sources of water supply and associated conflicts. [20]

**Section C – Sustainable Development**

Answer **one** question from this section.

- 5 (a)** Explain how *ecological footprint* and *urban metabolism* are important in the understanding of sustainable urban development in cities with high resource use. [12]
- (b)** To what extent is it difficult but necessary to measure sustainable urban development? [20]
- 6 (a)** Explain why hydropower and **one** other energy source are considered sustainable alternatives to fossil fuels. [12]
- (b)** 'International cooperation is crucial for the successful mitigation of and adaptation to climate change'. To what extent do you agree with the statement? [20]

- **End of Paper** -