## **Raffles Institution**

# 2018 Year 6 Preliminary Examination

Level: Year 6		2 GEOGRAPHY 9751 Paper 1		Time: 3 hours
Raffles Institution	Raffles Institution	Raffles Institution	Raffles Institution	Raffles Institution

#### READ THESE INSTRUCTIONS FIRST

Write your Index number and name on the work you hand in. Write in dark blue or black pen on both sides of the paper. You may use a pencil for any diagrams or graphs. Do not use staples, paper clips 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. Diagram and sketch maps should be drawn whenever they serve to illustrate an answer. World outline maps will be provided if you request for them. They may be annotated and handed in with the relevant answers.

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.

Answer every question on a <u>fresh sheet of writing paper</u>.

### **SECTION A – Tropical Environments**

Answer one question from this section.

(a) Explain the differences between infiltration excess and saturation 1 overland flow in the tropics. [12] (b) 'Channel patterns in the tropics are consequences of patterns of discharge.' Discuss the validity of this view. [20] 2 Explain the evolution of cone karst to isolated karst in the humid tropics. [12] 'Wind erosion shapes landforms in the arid tropics while water erosion shapes landforms in the humid tropics.'

# **SECTION B – Development, Economy and Environment**

Answer **one** question from this section. 3 Explain how regional and/or international bodies may affect the economic well-being of countries at low levels of development. [12] **(b)** 'The primary role of the state is to regulate the economy.' To what extent do you agree? [20] Explain how extractive industries can impact on countries with low levels of development. [12] **(b)** To what extent is the Malthusian principle still relevant in understanding population growth and resource use today? [20]

To what extent do you agree?

[20]

# **SECTION C – Sustainable Development**

Answer one question from this section.

5	(a)	Explain the concept of 'sustainable development' and its relevance to countries of low levels of development.	[12]
	(b)	'The effects of climate change on sustainable development are determined by human actions.'	
		How far do you agree with this statement?	[20]
6	(a)	Explain the factors that affect ecological footprint of cities with high levels of development.	[12]
	(b)	Evaluate the effectiveness of strategies used to improve the image of cities.	[20]