

**TEMASEK JUNIOR COLLEGE
PRELIMINARY EXAMINATION 2018**

**GEOGRAPHY
Higher 2**

9751/01

Paper 1

3 HOURS

Additional Materials: World Outline Map

READ THESE INSTRUCTIONS FIRST

Write your Centre number, index number, name and CG on all the work you hand in.

Begin the answer to each question on a fresh sheet of paper.

Write in dark blue or black pen.

You may use a soft pencil for any diagrams, graphs or rough working.

Do not use highlighters, 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 maps should be drawn whenever they serve to illustrate an answer.

The world outline map may be annotated and handed in with 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.

You should spend time according to marks allocated to questions.

This document consists of 3 printed pages and 1 blank page



SECTION A – Tropical Environments

Answer **one** question from this section.

All questions carry 32 marks.

- 1 (a)** Explain how changes in the pathways and water stores in a drainage basin affect discharge in a river channel. [12]
- 1 (b)** To what extent is an understanding of channel morphology important in explaining the processes that occur in river channels? [20]
- 2 (a)** With the aid of the rock cycle, explain the formation and characteristics of a named igneous, sedimentary and metamorphic rock respectively. [12]
- 2 (b)** Discuss the view that karst landforms in the humid tropics are the result of present day processes. [20]

SECTION B – Development, Economy and Environment

Answer **one** question from this section.

All questions carry 32 marks.

- 3 (a)** Explain how the Multidimensional Poverty Index has helped in measuring and monitoring development across countries in the developing world. [12]
- 3 (b)** Assess the usefulness of the dependency theory in understanding development across the world. [20]
- 4 (a)** Explain the characteristics of extractive industries and their development in resource-rich countries. [12]
- 4 (b)** “Extractive industries are a curse for resource-rich countries and their environment.”
- How far do you agree with the statement? [20]

SECTION C – Sustainable Development

Answer **one** question from this section.

All questions carry 32 marks.

- 5 (a)** Explain how Rio Earth Summit and Rio+20 have contributed to the pursuit of sustainable development for countries with fast growing populations. [12]
- 5 (b)** To what extent are the effects of climate change on sustainable development always negative? [20]
- 6 (a)** With reference to **one** city that you have studied, explain the factors affecting its liveability. [12]
- 6 (b)** “It is easy to create a city but difficult to create a liveable one.”
To what extent are liveability issues in cities hard to manage? [20]

END OF PAPER

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