



MERIDIAN JUNIOR COLLEGE
PRELIM EXAMINATION
Higher 2

JC 2 H2 Geography

9751/01

Paper 1

13 September 2018

3 Hours

Additional Materials: Answer Book
World outline map

READ THESE INSTRUCTIONS FIRST

Write your name and Civics Group clearly on **all** your answer scripts.
Write in dark blue or black pen on both sides of the paper.
You may use a soft pencil for any diagrams, graphs or rough working.

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

Start each question on a fresh sheet of paper.

1. At the end of the examination, fasten this **cover sheet** and all your work in **chronological order** together securely for submission.

The number of marks is given in the brackets [] at the end of each question or part question.
You should make a reference to appropriate examples studied in the field or the classroom, even where the examples are not specifically requested by the question.
Sketch maps and diagrams should be drawn wherever they serve to illustrate an answer.
You are reminded of the need for good English and clear presentation in your answers.

This document consists of 4 printed pages

Name: _____

Class: _____

Index number: _____

Qn no.* (Section A)	Marks	Qn no. * (Section B)	Marks	Qn no. * (Section C)	Marks
1		3		5	
2		4		6	
Total					

*Please **circle** the question number attempted accordingly.

DEFINE KEY TERMS IN INTRO – Pls memorise them properly, too many inaccurate definitions!!
SET THE CONTEXT

Section A - Tropical Environments

Answer one question from this section.

- 1 (a)** Explain how hydrographs can help in the study of flows in the humid tropics of Asia. [12]

Relate parts of hydrograph to different surface and sub-surface flows within the drainage basin

- (b)** 'Seasonal variation in wind direction have strong influence on rainfall patterns in the tropics.'

How far do you agree with this statement? [20]

To discuss factors affecting rainfall pattern and to recognise that seasonal variation in wind direction only affect parts of tropics. Weigh importance of factors for different parts of tropics.

- 2 (a)** Account for the variation of mass movement processes in the tropics. [12]

Address all types of mass movement – flow, slide, fall, heave and factors resulting in them

- (b)** The effects of deforestation are more devastating to the physical than the human environment.

Discuss. [20]

To compare devastation of deforestation between physical and human environment. To see that physical impact lead to human impact. Addressing forest as a natural resource and unsustainability of deforestation

Section B – Development, Economy and Environment

Answer one question from this section

- 3 (a)** Explain the characteristics of extractive industries with reference to countries at different levels of development. [12]

To relate to the different characteristics of extractive industries stated in syllabus – location specific, capital and technology intensive, state and private ownership

- (b)** Critically examine the role of natural resources in influencing the development of countries. [20]

To recognise the role of natural resource in development - countries susceptible to resource curse and others who manage to avoid it. Also to recognise that natural resource is not the only factor influencing development of a country

- 4 (a)** Account for the global emergence of the New International Division of Labour (NIDL). [12]

Explain reasons of rise of NIDL including factors relating to technology, comparative advantage, actions by actors such as state, supranational organisations

- (b)** 'International agreements are ineffective in managing transboundary water resources.'
To what extent do you agree with the statement? [20]

Weighing effectiveness of international agreements as a means of transboundary water resource management using located examples. Also to

discuss other means of management methods e.g. cooperative water management, improving governance. To recognise challenge of transboundary water management as one hindered by protection of sovereignty of state

Section C – Sustainable Development

Answer **one** question from this section

- 5 (a)** Explain the effects of climate change on the sustainable development of countries at high levels of development. [12]

Relate effects of climate change to 3 different aspects of sustainable development – social, economic, environmental

- (b)** Discuss the challenges of mitigating the effects of pluvial floods in cities at varying levels of development. [20]

Address social, economic, political and environmental challenges of mitigating pluvial floods. Higher level answers would address specific geographical conditions of cities which increase/ decrease challenge.

- 6 (a)** Explain the key tenets of sustainable development in relation to countries with fast growing populations. [12]

Address 3 key tenets in syllabus:

- Meeting needs of poor
- Limitations imposed by technology and society
- Maximising 3 goals of sustainable development

- (b)** To what extent do you agree that management of non-hazardous solid waste is a key solution to sustainable urban development? [20]

Management of non-hazardous solid waste is as a solution to sustainable urban development, also to address other issues e.g. transport and slum issue. Address social, environment, economic aspect of sustainable urban development.

