INSTRUCTIONS TO CANDIDATES

- Do not open this examination paper until instructed to do so.
- Section A: answer all questions.
- Section B: answer one question.
- Write your answers in the boxes provided.
- Use examples, maps and/or diagrams where relevant.
Core Theme – Patterns and Change

SECTION A

Answer all questions. Write your answers in the answer boxes provided.

1. Populations in transition

The diagram shows the gender gap index for country X and the world average (representing 115 countries), which shows the level of success in achieving gender equality for women in the four aspects given below.

The index ranges from 0.00 (total inequality) to 1.00 (total equality).

(This question continues on the following page)
(Question 1 continued)

(a) Referring to the diagram, state the rank order (from highest to lowest level of equality) for the four aspects of the world average. [2]

(b) Describe the status of women in country X. [3]

(c) Explain the relationship between fertility and the status of women. [5]
2. Disparities in wealth and development

(a) State the three components that are used to calculate the Human Development Index. [3]

(b) Referring to examples, describe two factors that result in inequities within countries. [2×2]

(This question continues on the following page)
(Question 2 continued)

(c) Explain how trade and access to markets may reduce disparities. [5]
3. Patterns in environmental quality and sustainability

The diagram shows the world distribution of areas of water scarcity.


(a) Define physical water scarcity. [2]

(b) Define economic water scarcity. [2]

(This question continues on the following page)
(c) Describe the global pattern of water scarcity shown on the map. [3]

(d) Explain the factors affecting access to safe drinking water. [5]
4. Patterns in resource consumption

(a) Define ecological footprint. [2]

(b) Describe what is meant by a neo-Malthusian view. [3]

(c) Explain three benefits of a strategy designed to reduce resource consumption. [3×2]
SECTION B

Answer one question. Write your answers in the answer boxes provided.

5. “Government attempts to control population growth are ineffective.” Discuss this statement.  [15]

6. “The causes of global climatic change are essentially human.” Discuss this statement.  [15]

7. Examine why most countries want to reduce their dependence on oil.  [15]