

WASSCE / WAEC MAY / JUNE 2004 GEOGRAPHY PAPER 1 SECTION B (THEORY)

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SECTION B

ESSAY

1 hour 50 minutes

[70 marks]

ELEMENTS OF PRACTICAL AND PHYSICAL GEOGRAPHY

Answer Question 1 and any three others. Question 1 carries 22 marks while others carry 16 marks each.

You are advised to spend not more than 30 minutes on Question 1.

Study the map extract provided on a scale of 1:50,000 and answer the following questions:

1. (a) (i) Draw an annotated cross profile from point A to point B. [10 marks]
 (ii) Are points A and B intervisible? (Give one reason for your answer) [2 marks]
- (b) In what three ways has the relief affected the transportation network of the mapped area? [6 marks]
- (c) Give any two reasons why the area mapped is sparsely populated. [4 marks]
2. The table below shows the direct premium income of non-life insurance business for Nigeria in a particular year. Use the data to answer the questions that follow:

Type	Value in Naira	Percentage Value
Fire	24,532,000	12.1
Accident	13,770,000	6.8
Motor	94,442,000	?
Marine	49,536,000	24.5
Miscellaneous	20,040,000	?
Total	202,320,000	100

- (a) Calculate the missing percentages for motor and miscellaneous premium incomes. [2 marks]
 - (b) (i) Construct a percentage bar graph to illustrate the above statistics. [11marks]
 (ii) State two disadvantages of a percentage bar graph. [2 marks]
 - (c) Suggest an alternative method of representing the statistics. [1 mark]
- SOURCE: WWW.LARNEDU.COM**
3. With the aid of diagrams, describe the formation and appearance of any two of the following features:
 - (i) Stack [8 marks]
 - (ii) Blow Hole [8 marks]
 - (iii) Sand Bar [8 marks]

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4. With the aid of diagrams, describe the formation of **each** of the following:
- (a) Orographic rainfall [8 marks]
 - (b) Convectional rainfall [8 marks]
5. (a) What is *environmental hazard*? [2 marks]
- (b) Name **five** examples of environmental hazards. [5 marks]
- (c) Explain any **three** effects of environmental pollution. [9 marks]
6. (a) Highlight **four** effects of the revolution of the earth. [8 marks]
- (b) A boxing tournament is scheduled to start at **8.00 p.m.** local time in Los Angeles, **75° W**. At what time should boxing fans in Nigeria, **15° E**, switch on their televisions to watch the commencement of the match?
(Show all your workings clearly). [8 marks]
7. (a) Outline **four** components of soil. [4 marks]
- (b) Describe, using a diagram, the soil profile. [6 marks]
- (c) Highlight any **three** farming practices that can lead to soil erosion. [6 marks]
8. (a) Highlight the characteristic features of the Tropical Continental Climate. [8 marks]
- (b) Describe the vegetation of the Savanna region. [8 marks]

