

170-11
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GOVERNMENT BILINGUAL HIGH SCHOOL YAOUNDE
PROMOTION EXAMS, LOWER SIXTH
GEOGRAPHY

INSTRUCTIONS: ANSWER THREE QUESTIONS CHOOSING ATLEAST ONE FROM EACH SECTION

SECTION A: METEOROLOGY

- 1 a) What do you understand by the term energy budget (3mks)
- b) Which latitudes have positive or negative energy balance and why? (10mks)
- c) Briefly explain any three factors that influences spatial distribution of the global temperatures(12mks)

2 a) Distinguish between the following pairs of terms

- i. Atmospheric stability
- ii. Atmospheric instability

b) Choose either atmospheric stability or instability and briefly describe weather conditions normally associated with it.(12mks)

SECTION B: GEOMORPHOLOGY

- 3 a) Using relevant examples, examine why volcanic cones vary in shape and size(15marks)
- b) How is volcanicity important to man(10marks)
- 4 a) Describe and explain the origin of mid-ocean ridges and deep sea trenches(10marks)
- b) Explain three proves of continental drift(9marks)
- c) Discuss three strategies that can be used to prevent earthquakes(6marks)

SECTION C: BIOGEOGRAPHY

- 5 a) What is a pedogenic regime?(10mks)
- b) Differentiate between ferralitisation and calcification as a major process of soil formation(15mks)
- 6 a) What do you understand by
- i. Biochemical cycling (3mks)
- ii. Food chain and food web with examples(6mks)
- b) With reference to a specific example explain how an ecosystem functions as a system(14mks)