

UNIVERSITY OF SWAZILAND

FINAL EXAMINATION PAPER: MAY 2005

TITLE OF PAPER : **PHYSICAL REESOURCES**

COURSE NUMBER : **GEP 216**

TIME ALLOWED : **THREE (3) HOURS**

INSTRUCTIONS : **SECTION A IS COMPULSORY**
ANSWER ANY TWO QUESTIONS FROM
SECTION B
ILLUSTRATE YOUR ANSWERS WITH
APPROPRIATE DIAGRAMS AND EXAMPLES

MARKS ALLOCATION : **QUESTION ONE (1) CARRIES 40 MARKS**
THE OTHER QUESTIONS CARRY 30 MARKS
EACH.

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INVIGILATOR

SECTION A: COMPULSORY QUESTION

Question 1

- (a) Explain the concept of rock weathering. (10 marks)
(b) Using appropriate examples, discuss the influence of climate change on weathering process. (30 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

Question 2

- (a) Explain the process of mass movement. (15 marks)
(b) Describe three types of mass movement. (15 marks)

Question 3

Discuss how climate change is affecting the African continent illustrating your answer with examples of the impact of climate change. (30 marks)

Question 4

Describe the instruments found in a meteorological weather station and their use. (30 marks)

Question 5

- (a) What is soil creep and what features of the landscape can be used to tell creep has taken place? (15 marks)
(b) Compare and contrast physical and chemical weathering describing the process of disintegration. (15 marks)