

UNIVERSITY OF SWAZILAND

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DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND
PLANNING

FINAL EXAMINATION, MAY 2016

TITLE OF PAPER : ENVIRONMENTAL GEOMORPHOLOGY

COURSE NUMBER : ERM 624 / GEP 606

TIME ALLOWED : 3 hours

**INSTRUCTIONS : ANSWER ANY TWO QUESTIONS
ILLUSTRATE YOUR ANSWERS
WITH APPROPRIATE DIAGRAMS**

**MARKS ALLOCATED : QUESTION 1 CARRIES 40 MARKS
THE OTHER QUESTIONS CARRY
30 MARKS EACH**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN
GRANTED BY THE INVIGILATOR**

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ERM 624 Environmental Geomorphology

Answer any two questions

QUESTION 1

Using examples from Swaziland discuss how you would restore a former mining area considering the environmental damages that have altered this area due to the mining activities.

(50 Marks)

QUESTION 2

Discuss how the establishment of national parks and game reserves contribute to sustainable land use.

(50 Marks)

QUESTION 3

Discuss the environmental advantages and disadvantages that the establishment of terraces along hill slopes provide.

(50 Marks)

QUESTION 4

Explain the most significant impacts of erosion and weathering in Swaziland

(50 Marks)