

UNIVERSITY OF SWAZILAND

**DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND
PLANNING**

FINAL EXAMINATION, MAY 2017

MSc

TITLE OF PAPER : ENVIRONMENTAL GEOMORPHOLOGY

COURSE NUMBER : GEP606/ERM624

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS : ANSWER TWO QUESTIONS: ONE FROM EACH SECTION

MARK ALLOCATION : EACH QUESTION CARRIES FIFTY (50) MARKS

THIS QUESTION PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GIVEN BY THE INVIGILATOR

GEP606/ERM624: ENVIRONMENTAL GEOMORPHOLOGY – MAY 2017

SECTION A: ANSWER ANY ONE QUESTION

QUESTION 1

By citing case studies from *at least TWO* different geomorphic environments, discuss the role of the Applied Environmental Geomorphologist in present-day environmental management. (50 Marks)

QUESTION 2

Discuss the role of process studies in understanding landscape management. Draw on examples from the mining of fluvial sand **or** examples of soil erosion. (50 Marks)

SECTION B: ANSWER ANY ONE QUESTION

QUESTION 3

Using either coastal or fluvial systems, critically review the contention that Geomorphology as a discipline within the Environmental Sciences has only 'come of age' through the application of the theoretical knowledge to real-world problems. (50 Marks)

QUESTION 4

The approach used in finding solutions to applied geomorphic problems is broadly similar, irrespective of the specific environmental setting. Discuss this contention by citing suitable examples. (50 Marks)

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