



A F R I C A
UNIVERSITY

(A United Methodist-Related Institution)
INVESTING IN AFRICA'S FUTURE

FACULTY OF EDUCATION

SECOND SESSION 2014 MAIN EXAMINATION QUESTION PAPER

COURSE CODE	HES 310
COURSE TITLE	ADVANCED STUDIES IN GEOMORPHOLOGY AND SOIL GEOGRAPHY
GROUP	
EXAMINER	Mr. G. R. Chimonyo
DATE	AUGUST 2014
DURATION	3 Hours
INSTRUCTIONS	<ol style="list-style-type: none">1. Answer ONE question from Section A and ONE question from Section B2. Choose the THIRD question from EITHER Section A OR from Section B3. Each question is marked out of 20 marks

SECTION A: GEOMORPHOLGY

1. Give an appraisal of the Davisian cycle of erosion.
2. Provide your understanding of the theory of Plate Tectonics giving examples of landforms that are associated with the three types of movement of tectonic plates.
3. Examine any four landforms that are the result of volcanic eruption.
4. Compare and contrast theory of landform formation that was proposed by Walter Penck and the theory that was put forward by Lester King.

SECTION B: SOIL GEOGRAPHY

5. Explain the importance of climate in the soil formation process.
6. Give an appraisal of soil properties that are related to topography.
7. Explain the soil horizon designation system that was developed by the United States Soil Survey Staff in 1975.
8. Examine what is meant by soil consistence.