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CHUKA



UNIVERSITY

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**UNIVERSITY EXAMINATIONS  
CHUKA/THARAKA**

**EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF ARTS  
(GEORGRAPHY)**

**GEOG 812: GEOMORPHOLOGY**

**STREAMS: M.A (GEOG)**

**TIME: 3 HOURS**

**DAY/DATE: THURSDAY 06/12/2018**

**2.30 P.M – 5.30 P.M**

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**INSTRUCTIONS**

- **Answer three questions**

1. Discuss the Davis erosional cycle and explain its relation to:
    - (a) Dynamic equilibrium [10 marks]
    - (b) Climatic morphogenesis [10 marks]
  2. Analyze landform evaluation in relation to;
    - (a) Ocean floor spreading [7 marks]
    - (b) Volcanoes and earthquakes. [7 marks]
    - (c) Orogenic systems. [6 marks]
  3. Discuss the concept denudation and landform evolution in relation to climate and mass movement. [20 marks]
  4. Explain how the concepts of catastrophism, uniformitarianism and gradualism contributed to the development of modern geomorphic thought. [20 marks]
  5. Expound on the processes of weathering in the light of landform evolution and the resulting landforms. [20 marks]
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