



**A F R I C A  
U N I V E R S I T Y**

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

***FACULTY OF EDUCATION***

**FIRST SESSION 2011 MAIN EXAMINATION QUESTION PAPER**

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|---------------------|---|
| <b>COURSE CODE</b>  | HES 221   |
| <b>COURSE TITLE</b> | Introduction to Earth's Environment   |
| <b>GROUP</b>        | B. Ed (Block release)   |
| <b>EXAMINER</b>     | Mr. G.R. Chimonyo   |
| <b>DATE</b>         | December, 2011  |
| <b>DURATION</b>     | 3 Hours   |
| <b>INSTRUCTIONS</b> | <ol style="list-style-type: none"><li>1. Answer any <b><u>three</u></b> questions</li><li>2. All question carries equal marks</li></ol> |

1. Explain the following environmental systems, citing specific examples:
  - a. Morphological system
  - b. Cascading system
  - c. Processing response system
  - d. Control system
2. Explain the major controls of the general circulation of the atmosphere
3. Examine the effect of human activities on stream flow.
4. "Climate is the most important factor controlling the formation and development of the soil." Discuss.
5. Give an appraisal of the Davisian Cycle of erosion.
6. Explain the factor controlling the global distribution of precipitation.

*End of paper*