



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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**MAIN EXAMINATION**

**MAY – JULY 2018 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF HUMANITIES**

**REGULAR PROGRAMME**

**GEO 110: INTRODUCTION TO PHYSICAL GEOGRAPHY**

**Date: JULY 2018**

**Duration: 2 Hours**

**INSTRUCTIONS: Answer Question ONE and any other TWO Questions**

- Q1. a) Differentiate between Geomorphology and physiography. **(4 Marks)**
- b) i) Describe the Driving Forces in Geomorphic Systems **(6 Marks)**
- ii) Explain the basic concepts of geomorphology **(10 Marks)**
- c) Using concrete examples, discuss the continental drift theory. **(10 Marks)**
- Q2. a) Describe the various ways through which sedimentary rocks are formed. **(12 marks)**
- b) Account for the common occurrence of sedimentary rocks in the Kenyan coast **(8 marks)**
- Q3. a) Explain any **four** factors that influence weathering **(8 marks)**
- b) Describe any **Four** processes of chemical weathering **(12 marks)**
- Q4. Discuss any **Five** factors that influence mass wasting **(20 marks)**
- Q5. a) Describe the components of the atmosphere **(10 Marks)**
- b) Giving examples of the resultant features, explain the **three** plate tectonic boundaries **(10 Marks)**