



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

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**MAIN EXAMINATION**

**AUGUST – DECEMBER 2018 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF HUMANITIES**

**REGULAR PROGRAMME**

**GES 310: ATMOSPHERE AND SOIL PROCESSES**

<b>Date: DECEMBER 2018</b>	<b>Duration: 2 Hours</b>
<b>INSTRUCTIONS: Answer Question ONE and any other TWO Questions</b>	

- Q1 a) Assess the role organic matter in soils **12 Marks**
- b) Explain what is Isostasy by help of a suitable illustration **10marks**
- c) Write brief notes on the The Earth's internal heat **8marks**
- Q2. a) What is the ionosphere? **8 marks**
- b) Why is the Ionosphere important? **6 marks**
- c) What does the ionosphere have to do with the aurora? **6 Marks**
- Q3. Make a Short description of Water vapor and Carbon Dioxide as atmospheric components **20marks**
- Q4. a) Explain the ways in which a habitat changes **6marks**
- b) Compare Agricultural systems versus natural ecosystems **14Marks**
- Q5. Describe the extinction of Species illustration causes and available remedies **20 marks**

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