



# THE CATHOLIC UNIVERSITY OF EASTERN AFRICA

**A. M. E. C. E. A**

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**MAIN EXAMINATION**

**MAY – JULY 2019 TRIMESTER**

**FACULTY OF ARTS AND SOCIAL SCIENCES**

**DEPARTMENT OF HUMANITIES (GEOGRAPHY)**

**REGULAR PROGRAMME**

**GEO 210: WATER AND LAND PROCESSES**

**Date: JULY 2019**

**Duration: 2 Hours**

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

- Q1. a) Differentiate between impermeable and permeable rock. (4 marks)  
b) Examine the effects of mismanagement of ground water? (4 marks)  
c) Explain any four factors affecting evaporation. (4 marks)  
d) Examine the effects of vegetation on surface run-off and infiltration. (6 marks)  
e) Describe any three glacier erosion landforms. (6 marks)  
f) Explain the process of cloud formation. (6 marks)
- Q2. a) Using an illustration, explain the stages of river course. (10 marks)  
b) Discuss processes of river erosion. (10 marks)
- Q3. a) Using a diagram describe confined and unconfined aquifer. (10 marks)  
b) Discuss any two ways by which air cools. (10 marks)
- Q4. a) Examine the influences of human activities on the hydrological cycle. (10 marks)  
b) Explain the significance of glacier and its features on physical environment. (10 marks)
- Q5. a) Explain the processes involved in chemical weathering. (10 marks)  
b) Discuss the process of condensation and cloud formation. (10 marks)

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