

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EMBU CAMPUS

EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION  
ARTS

GEOG 201: PHYSICAL AND BIOLOGICAL GEOGRAPHY

STREAMS:

TIME: 2 HOURS

DAY/DATE:

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INSTRUCTIONS:

- Answer Question ONE and any other TWO Questions.

1. Explain the following;

(a) Overland flow	[5 Marks]
(b) Water table	[5 Marks]
(c) Aquifer zone	[5 Marks]
(d) Water balance concept	[5 Marks]
(e) Ecosystem concept	[5 Marks]
(f) Effects of vegetation on infiltration	[5 Marks]
  
  2. Explain the process involved in precipitation formation. [20 Marks]
  
  3. Discuss various components of the global hydrological cycle [20 Marks]
  
  4. (a) Examine the factors affecting slope stability. [12 Marks]  
  
    (b) Explain the impact of slope stability on land uses. [8 Marks]
  
  5. Discuss the causes of human induced pressures on the grass and forest ecosystems. [20 Marks]
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