



# **MACHAKOS UNIVERSITY**

**University Examinations for 2021/2022 Academic Year**

**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES**

**DEPARTMENT OF SOCIAL SCIENCES**

**SECOND YEAR FIRST SEMESTER EXAMINATION FOR**

**BACHELOR OF EDUCATION (SPECIAL NEEDS)**

**BACHELOR OF EDUCATION (ARTS)**

**BACHELOR OF ARTS**

**AGE 201: PHYSICAL GEOGRAPHY II**

**DATE:**

**TIME:**

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## **INSTRUCTIONS:**

**Answer Question One and Any Other Two Questions.**

### **QUESTION ONE (30 MARKS)**

- a) Using suitable illustration, describe the components of the hydrologic cycle (8 marks)
- b) Define the terms (4 marks)
  - i. Desertification
  - ii. Slope stability
- c) Distinguish between exogenic and endogenic factors in rock weathering (6 marks)
- d) Identify and explain any three hydrologic processes within a river basin (6 marks)
- e) Outline the cycle of Erosion as postulated by William Davis Morris (6 marks)

### **QUESTION TWO (20 MARKS)**

Describe the major threats to forests and vegetation and explain how these have interfered with the hydrologic cycle in any one of major 'water towers' in Kenya.

### **QUESTION THREE (20 MARKS)**

- a) Account for the spatial and temporal variability of precipitation
- b) Why is the study of precipitation important?

**QUESTION FOUR (20 MARKS)**

- a) Using suitable examples, explain how weathering influence man's decisions. (10 marks)
- b) Explain the significance of underground water resources (10 marks)

**QUESTION FIVE (20 MARKS)**

- a) Using illustrations where possible, describe FIVE (5) types of slope processes. (10 marks)
- b) Explain FIVE (5) factors influencing coastal morphology (10 marks)