



MACHAKOS UNIVERSITY

University Examinations for 2018/2019 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

THIRD YEAR SPECIAL/SUPPLEMENTARY EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AGE 301: PHYSICAL GEOGRAPHY III

DATE: 25/9/2019

TIME: 2.00-4.00 PM

INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (COMPULSORY) (30 Marks)

- a) Explain the concept of Endemic Distributions (4 Marks)
- b) Briefly describe the soil forming processes (8 Marks)
- c) Using appropriate examples briefly examine 2 main human deliberate modification of climate on a local scale (6 Marks)
- d) Outline the role of humankind in the Biosphere (5 Marks)
- e) Explain the Scope of Biogeography (5 Marks)
- f) Define the term Tolerance Limits (2 Marks)

QUESTION TWO (20 MARKS)

Write a critical essay on 'Human activities in your home County that are likely to lead to climate change and how they can be addressed'

QUESTION THREE (20 MARKS)

Discuss Five (5) Factors that determine productivity of an ecosystem

QUESTION FOUR (20 MARKS)

Describe the soil conservation and management measures used by farmers in your home county

QUESTION FIVE (20 MARKS)

Discuss the concept of global warming, its causes and effects