



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR FIRST SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AGE 401: ENVIRONMENTAL CONSERVATION

DATE: 6/12/2019

TIME: 8.30-10.30 AM

INSTRUCTIONS: Answer QUESTION ONE and any other TWO QUESTIONS

QUESTION ONE (COMPULSORY) (30 MARKS)

- Describe the Four (4) main causes of environmental degradation (4 marks)
- Distinguish between the terms conservation and preservation (4 marks)
- Explain Three (3) reasons for conservation (3 marks)
- What are the Four (4) basic conservation principles (4 marks)
- Define the term 'Species Extinction' (2 marks)
- Distinguish between Bioprospecting and Biosafety Agreements (4 marks)
- Identify types of Green House Gases (GHGs) and explain their sources (4 marks)
- Explain the Five (5) causes of natural climate change (5 marks)

QUESTION TWO (20 MARKS)

- Of what value is biodiversity to Kenyans (8 marks)
- Discuss three (3) factors that contribute to loss of biodiversity and how they can be controlled (6 marks)
- Describe man's direct and indirect impacts and consequences to the environment (6 marks)

QUESTION THREE (20 MARKS)

Discuss any three methods that can be used to solve food shortages in Africa

QUESTION FOUR (20 MARKS)

Assess the different types of Human-Wildlife Conflicts in Kenya and suggest practical solutions

QUESTION FIVE (20 MARKS)

Using specific examples from Sub-Saharan Africa, discuss the concepts of natural-determinism, human-determinism, and nature-human determinism.