



MACHAKOS UNIVERSITY

University Examinations 2016/2017

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR FIRST SEMESTER EXAMINATIONS FOR

BACHELOR OF EDUCATION ARTS

BACHELOR OF ARTS

AGE 401: ENVIRONMENTAL CONSERVATION

DATE: 28/7/2017

TIME: 2:00 – 4:00 PM

INSTRUCTIONS

Answer Question One and Any Other Two Questions

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Define the following terms:
 - i. Conservation (2 marks)
 - ii. Biodiversity (2 marks)
 - iii. Extinction of species (2 marks)
 - iv. Red data list (2 marks)
- b) Describe the four basic fundamental principles of conservation. (8 marks)
- c) Assess the classification of world resources according to usability, quality and mutability. (8 marks)
- d) Identify three types of Green House Gases and explain their sources. (6 marks)

QUESTION TWO (20 MARKS)

Poverty is both a cause of and consequence of environmental degradation. Discuss. (20 marks)

QUESTION THREE (20 MARKS)

- a) Describe the factors underlying the rapid population increase in the world. (8 marks)
- b) Describe any three basic approaches for solving food shortage problem in Kenya. (12 marks)

QUESTION FOUR (20 MARKS)

- a) Distinguish between Bioprospecting and Biosafety agreements. (10 marks)
- b) Critically examine the significance of the precautionary principle. (10 marks)

QUESTION FIVE (20 MARKS)

Using examples from Kenya's tourism industry, discuss the Tourism Environmental Impact Assessment check list. (20 marks)