



MACHAKOS UNIVERSITY

University Examinations for 2019/2020 Academic Year

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

FOURTH YEAR SECOND SEMESTER EXAMINATION FOR

BACHELOR OF EDUCATION (ARTS)

BACHELOR OF ARTS

AGE 403: APPLIED BIOGEOGRAPHY

DATE: 28/10/2020

TIME: 2:00 – 4:00 PM

INSTRUCTIONS:

Answer QUESTION ONE and any other TWO QUESTIONS

Sketch maps and diagrams should be used whenever appropriate

QUESTION ONE (COMPULSORY) (30 MARKS)

- a) Discuss the global environmental impacts of plastics on aquatic ecosystems (20 marks)
- b) Briefly explain how aquatic environments can be conserved. (10 marks)

QUESTION TWO (20 MARKS)

With examples, justify the statement that “Human – Wildlife conflicts are only triggered by population increase.

QUESTION THREE (20 MARKS)

WRITE concise notes on:

- a) Climate change (7 marks)
- b) Food security (6 marks)
- c) Impact of population increase (7 marks)

QUESTION FOUR (20 MARKS)

Explain the different methods of biodiversity conservation and their benefits to the economy.

QUESTION FIVE (20 MARKS)

Discuss the role of environmental impact assessment in promotion of sustainable development in Kenya.