



MACHAKOS UNIVERSITY

University Examinations for 2021/2022 Academic Year

SCHOOL OF HUMANTIES AND SOCIAL SCIENCES

DEPARTMENT OF SOCIAL SCIENCES

SECOND YEAR SECOND SEMESTER EXAMINATION FOR

DIPLOMA IN EDUCATION (ARTS)

AGE 0201: ARID AND SEMI ARID LAND

DATE:

TIME:

INSTRUCTIONS:

Answer Question One and Any Other Two Questions.

QUESTION ONE (30 MARKS)

- a) Using suitable illustration, discuss aridity and desertification. (6 marks)
- b) Discuss the major arid regions found in Kenya. (6 marks)
- c) Account for the different types of rock structures found in Kenya. (6 marks)
- d) Evaluate the challenges faced by people living in arid regions. (12 marks)

QUESTION TWO (20 MARKS)

Describe the major threats of aridity and desertification in tropical environments.

QUESTION THREE (20 MARKS)

- a) Account for the spatial and temporal variability of precipitation in different regions. (10 marks)
- b) Why is the study of precipitation important? (10 marks)

QUESTION FOUR (20 MARKS)

Account for major impacts of climate change to humanity in Africa

QUESTION FIVE (20 MARKS)

- a) Using illustrations where possible, describe FIVE (5) causes of aridity (10 marks)
- b) Explain FIVE (5) adaptation of vegetation in arid lands (10 marks)