



OFFICE OF THE DEPUTY PRINCIPAL
ACADEMICS, RESEARCH AND STUDENTS' AFFAIRS

UNIVERSITY EXAMINATIONS

2020 /2021 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER REGULAR EXAMINATION

**FOR THE DEGREE OF BACHELOR OF
EDUCATION (ARTS/BST)**

COURSE CODE: BGS 320E

COURSE TITLE: ARID AND SEMI-ARID LANDS

DATE: 19th JULY, 2021

TIME: 1:00 – 4:00 PM

INSTRUCTION TO CANDIDATES

- SEE INSIDE

THIS PAPER CONSISTS OF THREE PRINTED PAGES

PLEASE TURN OVER

STREAM: BED (ARTS/B.ST)**TIME: 3 HRS****INSTRUCTIONS:**

- (i) *Answer question ONE and ANY other TWO questions*
- (ii) *Use suitable illustrations whenever they assist to clarify your answers*
- (iii) *Do not write on the question paper*

Question One

- a) Define the following terms:
 - i. Dry lands (2 Marks)
 - ii. Aridity (2 Marks)
- b) Highlight FOUR characteristics of arid climate. (4 Marks)
- c) Explain FIVE man-made factors that may cause aridity and desertification. (10 Marks)
- d) Classify arid and semi-arid lands based on their aridity highlighting characteristics of each. (12 Marks)

Question Two

- a) Highlight FOUR agricultural practices which can lead to land degradation in arid and semi-arid lands. (4 Marks)
- b) With reference to Kenya, explain how the following factors determine land use patterns and practices in arid and semi-arid lands:
 - i. Culture (4 Marks)
 - ii. Government policy (4 Marks)
 - iii. Land tenure (4 Marks)
 - iv. Accessibility (4 Marks)

Question Three

- a) Highlight FOUR characteristics of animals in arid and semi-arid areas. (4 Marks)
- b) With reference to Kenya, discuss the development potential of the following natural resources found in arid and semi-arid lands:
 - i. Wildlife (4 Marks)

- ii. Wind (4 Marks)
- iii. Landscape (4 Marks)
- iv. Minerals (4 Marks)

Question Four

Examine the policies developed by the government of Kenya towards management of arid and semi-arid lands since independent. (20 Marks)

Question Five

Describe distribution of arid and semi-arid lands in the world. (20 Marks)
