



KISII UNIVERSITY
UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE AWARD OF THE
DEGREE OF BACHELOR OF EDUCATION ARTS
SECOND SEMESTER 2021/2022
[JUNE-SEPTEMBER, 2022]

GEOG 416: ENVIRONMENTAL IMPACT STUDIES

STREAM: Y4S2

TIME: 2 HOURS

DAY: THURSDAY, 12:00 – 2:00 PM

DATE: 15/09/2022

INSTRUCTIONS

- 1. Do not write anything on this question paper.**
- 2. Answer question ONE (Compulsory) and any other TWO questions.**

QUESTION ONE

- a. Explain why screening is the most important stage in the Environmental Impact Assessments (EIAs) process. (4 Marks)
- b. Elaborate on the methods of screening. (6 Marks)
- c. Outline and explain the principles of an effective public participation in the EIA process. (8 Marks)
- d. Elaborate on the four elements of EIA follow up. (8 Marks)
- e. Explain why it is important to consider alternatives in the EIA process. (4 Marks)

QUESTION TWO

- a. Elaborate on the methods of impact evaluation and analysis in the EIA process (10 Marks)
- b. Explain the contents of an EIA report in Kenya. (10 Marks)

QUESTION THREE

From 1872 to the 1990s, all approaches to environmental and natural resource management followed the Yellowstone model that adopted command and control strategies. After the 1990s it was realised that this approached had more failures than successes. This prompted a shift to more people-centred approaches. With supporting examples, discuss whether this shift was justified. (20 Marks)

QUESTION FOUR

Outline and discuss the challenges that face the EIA process in Kenya that makes it ineffective as provided by Kakonge (2015) and recommend of ways that these challenges could be addressed to improve the situation.

(20 Marks)

QUESTION FIVE

- a. Justify the use of economic instruments in addressing environmental issues. (5 Marks)
- b. According to Morrison-Saunders and Arts (2004) EIA follow up is an integral phase in an effective EIA process but the most ignored. Discuss why it is ignored, the dangers of ignoring it and ways in which it can be improved. (15 Marks)