



# UNIVERSITY EXAMINATIONS

**SECOND SEMESTER 2023/2024 ACADEMIC YEAR**

**FOURTH YEAR EXAMINATION FOR THE DEGREE OF  
BACHELOR OF SCIENCE IN (GEOGRAPHY)**

**GEOG 426: PRINCIPLES OF SUSTAINABLE DEVELOPMENT**

***STREAM: R***

***TIME: 2 HRS***

***DAY: WEDNESDAY[11.30A.M – 1.30P.M] DATE: 10/04/2024***

**THIS QUESTION PAPER CONSISTS OF TWO (2) PAGES**

**PLEASE DO NOT OPEN UNTIL THE INVIGILATOR SAYS SO.**



**INSTRUCTIONS**

Answer question **ONE** and any other **TWO** questions

**QUESTION ONE (30 MARKS)**

- a. Explain environmental sustainability and **four** considerations necessary to achieve. **(10 Marks)**
- b. Briefly discuss the challenges associated with attaining sustainable development in Africa. **(10 Marks)**
- c. Highlight **three** objectives of the Sustainable Development Goals (SDGs). **(3 Marks)**
- d. Explain the relationship between carrying capacity and sustainability. **(2 Marks)**
- e. Describe the **5** Principles of the Sustainable Development Goals (SDGs) **(5 Marks)**

**QUESTION TWO (20 MARKS)**

Explain ways in which the Government of Kenya is implementing Sustainable Development. **(20 Marks)**

**QUESTION THREE (20 MARKS)**

- a. Discuss **seven** ways that promote sustainable development of natural resources. **(14 Marks)**
- b. Highlight **three** considerations necessary to achieve Economic sustainability. **(6 Marks)**

**QUESTION FOUR (20 MARKS)**

- a) “Life on Land” is Goal 15 of the UN Sustainable Development Goals, briefly explain the targets set to achieve this. **(10 Marks)**
- b) “Partnership for the Goals” is Goal 17 of the UN sustainable Development Goals, explain the targets set to achieve this. **(10 Marks)**

**QUESTION FIVE (20 MARKS)**

Discuss the basic condition and principles of sustainable development. **(20 Marks)**

