



**SCHOOL OF HUMANITIES AND SOCIAL SCIENCES  
BACHELOR OF ARTS IN DEVELOPMENT STUDIES AND PHILOSOPHY  
END OF SEMESTER EXAMINATION  
BDP 4107: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT**

**DATE: 16<sup>th</sup> October 2023**

**TIME: 08:00 – 10:00**

---

**Instructions**

1. This examination consists of **FIVE** questions.
2. Answer **Question ONE (COMPULSORY)** and any other **TWO** questions.

**QUESTION ONE (30 MARKS)**

The following is an excerpt on Cultural Ecology from Laudato Si.’

*“Many intensive forms of environmental exploitation and degradation not only exhaust the resources which provide local communities with their livelihood, but also undo the social structures which, for a long time, shaped cultural identity and their sense of the meaning of life and community. The disappearance of a culture can be just as serious, or even more serious, than the disappearance of a species of plant or animal. The imposition of a dominant lifestyle linked to a single form of production can be just as harmful as the altering of ecosystems.”*

- a) Discuss the relationship between natural resource use, social structures, and development. Use ANY TWO examples to illustrate (8 marks)
- b) Define the following terms AND explain how their occurrence poses challenges to the livelihood of communities:
  - i. Biodiversity loss (6 marks)
  - ii. Climate change (6 marks)
- c) Explain the relationship between environmental protection and social equity for each of the following. Use ONE example to support your response:
  - i. Gender roles and responsibilities (5 marks)
  - ii. Traditional cultural practices (5 marks)

**QUESTION TWO (15 MARKS)**

- a) Explain the relationship between economic viability and environmental protection, using TWO examples from the Kenyan context (6 marks)
- b) Explain how the following economic interventions facilitate environmental protection, using ONE example from Africa for each intervention:
  - i. Voluntary Sustainability Standards (VSS) (3 marks)
  - ii. Carbon Credits (3 marks)
  - iii. Corporate Social Responsibility (CSR) (3 marks)

### **QUESTION THREE (15 MARKS)**

- a) Define the term 'Natural Resource Governance.' (3 marks)
- b) Using TWO examples from the Kenyan context, explain how natural resource governance can be implemented in the following activities:
  - i. Agriculture (4 marks)
  - ii. Infrastructural development (4 marks)
  - iii. Mining (4 marks)

### **QUESTION FOUR (15 MARKS)**

- a) Briefly explain the concept of Nationally Determined Contributions (NDCs) (5 marks)
- b) Briefly discuss ANY TWO theories for 'Human Behaviour in Environmental Preservation.' (10 marks)

### **QUESTION FIVE (15 MARKS)**

- a) Briefly discuss ONE approach outlined by the Paris Agreement in its aim of strengthening the global response to climate change (5 marks)
- b) Within the context of globalization, discuss the following concepts as they relate to environmental protection:
  - i. Migration (5 marks)
  - ii. Climate justice (5 marks)