



**SCHOOL OF HUMANITIES & SOCIAL SCIENCES**

**BACHELOR OF ARTS IN DEVELOPMENT STUDIES & PHILOSOPHY**

**END OF SEMESTER EXAMINATION**

**BDP 4107: ENVIRONMENT AND SUSTAINABLE DEVELOPMENT**

**Date: 1<sup>st</sup> November 2021**

**Time: 10:30-12:30**

**Instructions**

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

**QUESTION ONE**

a) Define the following terms:

- i. Environmental conservation (3 marks)
- ii. Sustainability (3 marks)
- iii. Ecosystem (3 marks)
- iv. Climate change (3 marks)

b) Political ecology is the study of the relationships between political, economic and social factors with environmental issues and changes. One of the findings of political ecology is that economic growth can occur at the expense of environmental preservation and social equity.

Using relevant examples:

- i. Describe any three scenarios in which businesses make profits while degrading the environment (9 marks)
- ii. Describe any three scenarios in which businesses make profits at the expense of social justice (9 marks)

**QUESTION TWO**

- a) Discuss any three measures that have been undertaken by businesses or institutions to ensure green growth. (9 marks)
- b) Discuss any two challenges faced by businesses in implementing green growth strategies (6 marks)

### QUESTION THREE

- a) The Human Development Report (HDR) 2020 is titled, '*The Next Frontier: Human Development and the Anthropocene*.' Briefly discuss three solutions to global development challenges highlighted in the report (9 marks)
- b) Kenya has several policies aimed at protecting the environment. Outline any two of these policies (6 marks)

### QUESTION FOUR

- a) Climate change has severe impacts on economic activities globally. Briefly discuss any three ways in which climate change has impacted livelihoods in Kenya (9 marks)
- b) Discuss any two ways in which individuals can take action towards climate change adaptation and mitigation (6 marks)

### QUESTION FIVE

- a) Outline any three sources of renewable energy in use in Kenya (6 marks)
- b) The Paris Agreement (2015) is a legally binding, international treaty on climate change. As a signatory to this agreement, Kenya submitted a report on its Nationally Determined Contribution in December 2020. Discuss any three key issues included in this report (9 marks)