



# EAST

**FINAL EXAMINATION**  
**SCHOOL OF BIBLE AND THEOLOGY**  
**BURUBURU CAMPUS**  
**FIRST SEMESTER, 2025/2026 ACADEMIC YEAR**  
**EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS IN**  
**BIBLICAL STUDIES**  
**UCC123: ENVIRONMENTAL MANAGEMENT**  
**(FORM A)**

**STREAM:**

**TIME: 2 HOURS**

**EXAMINATION SESSION: NOV/DEC**

**YEAR: 2025/2026/1**

**DAY [ ]**

**DATE: [ ]**

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**INSTRUCTIONS:**

1. Attempt ALL the questions in **Section A**
  2. Attempt any **Two** questions in **Section B**
  3. The entire exam is worth forty (40) marks.
  4. **Write ONLY on the space provided on the answer sheet or as otherwise instructed.**
  5. **Where necessary Show your working clearly.**
  6. **Do NOT attempt to access any library, online (audio, video, digital or electronic) or paper-based (written), sources for your answers unless this is clearly advised in the Question.**
  7. **The camera must be on throughout the exam period.**
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## **SECTION A (20 MARKS) – ANSWER ALL QUESTIONS**

### **QUESTION ONE**

Environmental studies are crucial for dealing with problems of man- environment interaction.

Discuss:

- a) Why we need environmental studies (8Marks).
- a) The various approaches to man – environment relationship? (6 Marks).
- c) The Various components of the environment (Marks 6)

## **SECTION B**

### **QUESTION TWO**

Understanding the environmental concepts is crucial to solving the environmental problems.

Differentiate between:

- a) Sustainable development and Environmental sustainability (5Marks).
- b) Environmental studies and environmental management (5 Marks).

### **QUESTION THREE**

The Ecosystem is a structural and functional unit of the Biosphere made of living and non-living things and their physical environment. It is the interrelationship between the living community in relationship to each other and the non-living community.

Discuss:

- a) Aquatic Ecosystem (5 Marks).
- b) Terrestrial Ecosystem (5 Marks).

### **QUESTION FOUR**

**Climate change is a global issue that is discussed all over the world.** Discuss:

- a).The impact of climate change on Human beings? (4 Marks ).
- b). The causes of the ozone layer depletion (3Marks).

C). The mitigation measures towards the Ozone layer Depletion (3 marks).

#### **QUESTION FIVE**

**Environmental impact assessment is crucial. Articulate:**

- a) The objectives of the environmental impact assessment (5).
- b) Discuss the various steps taken in the environmental impact assessment (5).



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## **SECTION A (20 MARKS) – ANSWER ALL QUESTIONS**

### **QUESTION ONE**

Natural resources are so precious in the world and contribute Immensely to the wealth of nations.

. Explain:

- a). The classifications of natural resources (6 Marks) .
- b).The different types of renewable and non-renewable energy resources (6 Marks).
- c).The uses of the Water, Forest resources (8 Marks).

### **QUESTION TWO**

Pollution is a major example of environmental degradation caused mainly by man’s activities.

Discuss:

- a) Types of pollution (3)
- b). Types of pollutants (3)
- c). Effects of pollution (4)

### **QUESTION THREE**

Events in the atmosphere being a major part of the environment affects the ecosystem.

Explain:

- a) The segments of the environment (4)
- b) The segments of the atmosphere (3)
- c) The classifications of the Ecosystem (3)

### **QUESTION FOUR**

Biodiversity refers to the existence of a number different species of plants and animals in an environment. Explain Biodiversity under the following topics:

- a) The threat to biodiversity (5marks).
- b) Conservation of Biodiversity (5Marks).

### **QUESTION FIVE**

Environmental degradation has no political boundaries so Environmental issues have been given more weight at international forums and symposia. Differentiate between the following:

- a) Environmental policy and Environmental legislation (4 Marks).
- c) International conventions and International protocols? (4 Marks).
- d). The Montreal protocol and the Kyoto protocol (2 Marks).