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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATIONS, 2020/2021 ACADEMIC YEAR**  
**THIRD YEAR, FIRST SEMESTER EXAMINATION**  
**FOR THE DEGREE OF BACHELOR OF BUSINESS INFORMATION TECHNOLOGY**

**SPECIAL EXAMINATION**

**KLC 2308 - ENVIRONMENTAL STUDIES**

Date: 15<sup>th</sup> December, 2022  
Time: 2.30pm – 4.30pm

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE (30 MARKS)**

- a) Explain the importance of environmental studies. (6 Marks)
- b) Distinguish between renewable and non-renewable resources. (6 Marks)
- c) Discuss the factors that influence habitat loss. (6 Marks)
- d) Explain the factors that influence man- animal conflicts in an environment. (6 Marks)
- e) Define what ecological succession is and describe its stages. (6 Marks)

**QUESTION TWO (20 MARKS)**

- a) Biodiversity is the variety and variability among all groups of living organisms and the ecosystems in which they occur. Discuss its values in the environment. (10 Marks)
- b) Discuss the factors that influence poaching in the environment. (10 Marks)

**QUESTION THREE (20 MARKS)**

- a) Elucidate four ecosystems and explain their use in the environment. (10 Marks)
- b) Explicate the various types of forest ecosystems and expound on what they contribute to the environment. (10 Marks)

**QUESTION FOUR (20 MARKS)**

- a) Soil pollution is the contamination of soil by humans and natural activities which may cause harmful effects on living beings. Explain the types of soil pollution. (10 Marks)
- b) Discuss the different classes of consumers in the environment. (10 Marks)

**QUESTION FIVE (20 MARKS)**

- a) Elucidate the different classifications of biodiversity. (10 Marks)
- b) Distinguish between fauna and flora clearly bringing out their roles in the environment. (10 Marks)