



**KISII UNIVERSITY**  
**UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF**  
**MASTER OF ARTS IN GEOGRAPHY**  
**FIRST SEMESTER, 2021/2022**  
**(FEBRUARY - JUNE, 2022)**

**GEOG 814: BIOGEOGRAPHY**

**STREAM: Y1 S1**

**TIME: 3 HOURS**

**DAY: THURSDAY, 9:00 – 12:00 P.M.**

**DATE: 02/06/2022**

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**INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer any other THREE Questions.***

**QUESTION ONE**

Biotic components are classified into four categories based on their activities. Analyze the four categories. (20marks)

**QUESTION TWO**

Give a critical analysis of the factors that influence man-animal conflicts in the ecosystems. (20marks)

**QUESTION THREE**

Examine the statement that 'habitat loss is as a result of man's activities. (20marks)

**QUESTION FOUR**

- Ecosystem services is the term used to describe the goods and services provided by ecosystems. Explain four categories of ecosystem services as provided for in The Millennium Ecosystem Assessment (MEA). (12marks)
- Explain the concept of the ecological niche. (8marks)

**QUESTION FIVE**

Examine the advantages and disadvantages ex-situ conservation efforts in ensuring sustainable ecosystems. (20marks)