



**KIBABII UNIVERSITY COLLEGE**

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**UNIVERSITY REGULAR EXAMINATIONS**

**2013 /2014 ACADEMIC YEAR**

**3<sup>RD</sup> YEAR 2<sup>ND</sup> SEMESTER EXAMINATIONS**

**(MAIN EXAMINATION)**

**FOR THE DEGREE OF BACHELOR**

**EDUCATION (ART)**

**COURSE CODE: GEO 315**

**COURSE TITLE: BIOMOPHOLOGY**

**DATE: 17<sup>TH</sup> APRIL, 2014**

**TIME: 2:00P.M.-5:00P.M.**

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**INSTRUCTIONS TO CANDIDATES:**

1. Answer Question **ONE** (Q1) Compulsory
2. Answer any other **THREE** (3) Questions
3. Illustrations should be used where appropriate

## **QUESTION ONE**

Write brief notes on the following topics.

- i) “Island Biogeography” (3mks)
- ii) Evolutionary relicts (5mks)
- iii) Phytogeography (5mks)
- iv) Habitat modeling (5mks)
- v) Climatic climax (5mks)

## **QUESTION TWO**

Define the term biological distribution (3mks)

Citing relevant examples, describe the various types of biogeographically distribution (12mks)

## **QUESTION THREE**

Discuss how anthropogenic factors have led to biodiversity loss in Kenya (15mks)

## **QUESTION FOUR**

Describe the various barriers to species distribution and the possible mechanism of overcoming these barriers (15mks)

## **QUESTION FIVE**

“Mt Elgon is a natural resource that is important not only to Kenya but the world as a whole”. Discuss. (15mks)

## **QUESTION SIX**

Discuss the various steps Kenya should take in preparation for floods and droughts that often affect Nyando and Turkana regions respectively (15mks)