

**CHUKA**



**UNIVERSITY**

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF EDUCATION**

**GEOG 110: INTRODUCTION TO PHYSICAL AND BIOLOGICAL GEOGRAPHY**

**STREAMS: BED**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 29/03/2021**

**8.30 A.M. – 10.30 A.M.**

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**INSTRUCTIONS:**

- **Answer question ONE and TWO other questions.**
- **Use diagrams to illustrate your answers.**

1. (a) Explain the formation processes of the three types of crustal rocks. (15 marks)  
(b) Discuss the three types of weathering of rocks. (15 marks)
  2. Discuss the processes of river erosion and show why river channels cannot be straight. (20 marks)
  3. What is biodiversity? Why are there differences in biodiversity in different parts of Kenya? (20 marks)
  4. Explain the concepts listed below
    - (i) Plate tectonics (10 marks)
    - (ii) Ocean floor spreading (10 marks)
  5. Why are some parts of the world hotter or colder than others? (20 marks)
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