

CHUKA



UNIVERSITY

**UNIVERSITY EXAMINATIONS**

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN ENVIRONMENTAL SCIENCE**

**ENSC 102: INTRODUCTION TO PHYSICAL ENVIRONMENT**

**STREAMS: BSC ENSC Y1S2**

**TIME: 2 HOURS**

**DAY/DATE: MONDAY 08/04/2024**

**2.30 P.M – 4.30 P.M.**

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**INSTRUCTIONS:**

- Answer **SECTION ONE** and **ANY TWO** from **SECTION B**.
- Do **NOT** write anything on the question paper.

**SECTION A (30 MARKS)**

1. Write short notes on three ways by which living things contribute to the weathering process. (6 marks)
2. Briefly describe the different types of dip-slip faults. (6 marks)
3. Briefly explain the carbon cycle. (6 marks)
4. Outline any four features of intrusive vulcanicity. (4 marks)
5. Highlight any four features of the ocean floor. (4 marks)
6. Briefly discuss the earth's albedo. (4 marks)

**SECTION B (40 MARKS)**

7. Compare and contrast the effects of latitude and altitude on the distribution of world's biomes. (20 marks)
8. Describe the formation, features and effects of one natural phenomenon in the physical environment. (20 marks)

9. Explain the structure of the atmosphere.

(20 marks)

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