



UNIVERSITY EXAMINATIONS

SUPPLEMENTARY

**EXAMINATION FOR THE AWARD OF BSc. DEGREE IN ENVIRONMENTAL
SCIENCE**

ENSC 102: INTRODUCTION TO PHYSICAL ENVIRONMENT

STREAMS: BSc. (ENSC) Y1S2

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/8/2021

11.30 A.M. – 1.30 P.M.

INSTRUCTIONS:

- Answer section **ONE** and **ANY TWO** from section B
- Do not write anything on the question paper

SECTION A (30 MARKS)

1. Briefly discuss the principle of uniformitarianism (4 marks)
2. With illustrations, write short notes on the following (4 marks)
 - a) Reverse fault
 - b) Folding
3. Briefly explain any three forms of water related weathering (6 marks)
4. With a figure describe the major internal features of the earth (6 marks)
5. Describe any three features of intrusive vulcanicity (6 marks)
6. With an illustration, describe the electromagnetic spectrum (6 marks)

SECTION B (40 MARKS)

7. a. Explain any five features that can influence the climate of an area (12 marks)
b. Explain the formation and circulation of winds (8 marks)
8. a. Discuss the formation and features of surface and deep ocean currents (12 marks)
b. Describe the features of Polar Climates (E) (8 marks)
9. Discuss the formation and characteristics of any natural hazards and effects to an urban population (20 marks)