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UNIVERSITY EXAMINATION

ACADEMIC YEAR 2022/2023

SECOND YEAR SECOND SEMESTER

SPECIAL/SUPPLEMENTARY EXAMINATION

BACHELOR OF EDUCATION ARTS

COURSE CODE: GEO 22 1

COURSE TITLE: PHYSICAL GEOGRAPHY

DATE: 10TH AUG 2023 TIME: 11:00 AM - 1:00 PM

DURATION: 2HOURS

INSTRUCTIONS TO CANDIDATES

**ANSWER ALL QUESTIONS IN SECTION (A) AND ANY OTHER TWO QUESTIONS
IN SECTION (B)**

THIS PAPER CONSISTS OF 2 PRINTED PAGE. PLEASE TURN OVER.

SECTION A (compulsory questions)

1. Describe the following:
 - (a) The earth's troposphere. (6 marks)
 - (b) Three importance of the earth's ozone layer (6 marks)
 - (c) The Earth's core (8 marks)
 - (d) Three types of Islands (10 marks)

SECTION B (Optional Questions)

2. (a) Explain any four effects of tectonic movements on the lithosphere. (8 marks)
(b) Describe the hot spot activities and explain their role in creating tensional and compressional forces beneath the earth's crust (12 marks)
3. (a) Describe the stages involved in sedimentary rock formation. (12 marks)
(b) Explain any two sources of heat responsible for rock metamorphism. (8 marks)
4. Discuss the physical factors affecting run-off generation in a catchment. (20 marks)
5. Identify a major volcanic feature in East Africa and discuss its potential economic impacts to the region. (20 marks)