

UGANDA MARTYRS



UNIVERSITY

NGETTA CAMPUS
FACULTY OF EDUCATION

BACHELOR OF ARTS WITH EDUCATION

GEO 1101 PHYSICAL GEOGRAPHY

FINAL ASSESSMENT

ACADEMIC YEAR 2023/2024 SEMESTER ONE

BAED I

DATE: 14TH/DEC/2023

TIME ALLOWED: 3 HOURS (9:00am-12:00pm)

INSTRUCTIONS:

- *Attempt any four questions of choice*
 - *All questions carry equal marks*
 - *Start every question on a new page*
 - *Do not write anything on the question paper*
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1. Explain the different ways that show that the earth is not flat but is spherical in nature. (25marks)
2. a) Explain the differences between the Earth rotation and Earth revolution. (18marks)
b) What is the importance of Earth Revolution today? (07marks)
3. a) Describe the Bigbang theory as an explanation for the origin of the universe. (15marks)
b) How has the Bigbang theory been criticized by other critics? (10marks)
4. a) Explain the hydrological cycle as used in the physical environment. (12marks)
b) What is the importance of hydrological cycle to man and the environment? (13marks)
5. a) What is soil water balance? (05marks)

- b) Discuss the factors that influence the soil water balance/budget. (10marks)
 - c) Explain the applications of the soil water balance. (10marks)
6. Write short notes on the followings as used in the physical atmosphere.
- i) Troposphere
 - ii) Stratosphere
 - iii) Mesosphere.
7. a) Explain the three types of soils with their characteristics. (10marks)
- b) what is the importance of soils to man? (07marks)
 - c) How can soils be managed in our environment that we live in? (08marks)
8. a) Account for the factors influencing soil formation in East Africa. (12marks)
- b) Explain any four processes of soil formation in East Africa. (13marks).

END.