



(Knowledge for development)
KIBABII UNIVERSITY

**UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR**

**YEAR TWO SEMESTER TWO
MAIN EXAMINATION
FOR THE DEGREE OF BACHELOR OF EDUCATION (ARTS)**

COURSE CODE: GEO 221

COURSE TITLE: PHYSICAL GEOGRAPHY

DATE: 10 - 02 - 2021

TIME: 8 – 10 AM

TIME: 2HOURS

INSTRUCTIONS TO CANDIDATES

Answer Question ONE (Compulsory) and any other TWO questions.

This paper consists of 2 printed pages. Please Turn Over.

QUESTION 1

- a. Explain any three importance of stratospheric Ozone gas. (6 marks)
- b. Highlight any THREE effects of tectonic movements (3 marks)
- c. Explain the influence of land-use in run-off generation (8 marks)
- d. Highlight any FOUR importance of ocean currents (4 marks)
- e. Describe any THREE flow-paths with which precipitation may arrive in the stream channel (9 marks)

QUESTION 2

- a. Define the term Isostasy and describe the process involved in Glacial Isostatic Adjustment (GIA) (10 marks)

QUESTION 3

- a. Describe the troposphere and stratosphere as layers of the atmosphere. (14 marks)
- b. Explain the processes involved in Ozone depletion. (6marks)

QUESTION 4

Describe the different types of plate tectonic margins (20 marks)

QUESTION 5

Explain the different factors responsible for the flow of ocean currents (20 marks)