



**(Knowledge for development)
KIBABII UNIVERSITY**

UNIVERSITY EXAMINATIONS

2020/2021 ACADEMIC YEAR

THIRD YEAR SECOND SEMESTER

SPECIAL/SUPPLEMENTARY EXAMINATION

REGULAR PROGRAMME

FOR THE DEGREE OF BACHELOR OF EDUCATION ARTS

COURSE CODE: GEO 221

COURSE TITLE: PHYSICAL GEOGRAPHY

DATE: JANUARY 21, 2022

TIME: 11AM – 1 PM

TIME: 2 HOURS

INSTRUCTIONS TO CANDIDATES

- 1. Answer Question ONE (Q1) Compulsory**
- 2. Answer any other TWO (2) Questions**
- 3. Use illustration where appropriate**

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

1. (a). Highlight any four functions of atmospheric air (4 marks)
- (b). Explain any three causes of ice ages. (6 marks)
- (c). Explain any three forms of rock metamorphism. (10 marks)
- (d). Explain the different flow-paths with which precipitation reaches a stream. (10 marks)

2. Describe the processes responsible for the formation of the rift valley over hot-spot zones. (20 marks)

3. Describe the troposphere and the stratosphere as layers of the earth's atmosphere. (20 marks)

4. Describe the three forms of plate movements and explain the different features characterizing their margins. (20 marks)

5. Discuss the effects of land-use on runoff generation. (20 marks)