

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EMBU CAMPUS

EXAMINATION FOR THE AWARD OF DIPLOMA IN EDUCATION

PGEO 0166: INTRODUCTION TO PHYSICAL AND BIOLOGICAL GEOGRAPHY

STREAMS: DIP. EDU

TIME: 2 HOURS

DAY/DATE: TUESDAY 10/12/2018

8.30 A.M. – 10. 30 A.M.

INSTRUCTIONS:

- **Answer question ONE and any other TWO questions.**

1. (a) Explain the meaning of the geographical terms listed below:
 - (i) Geography (6marks)
 - (ii) Earthquakes (4marks)
 - (iii) Volcanoes (4marks)
 - (iv) River patterns (4marks)
- (b) Explain what causes seasons on earth (8marks)
- (c) Discuss the role played by the solar energy in an ecosystem. (8marks)
2. What do you understand by the terms plate tectonics and continental drift? (20marks)
3. Discuss the different types of weathering in Kenya. (20marks)
4. Use examples to explain the formation of igneous, sedimentary and metamorphic rocks (20marks)
5. Discuss the processes that help in the exchange energy in an ecosystem through trophic levels. (20marks)