



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2014/2015

DIGITAL SCHOOL OF VIRTUAL AND OPEN LEARNING

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF ARTS

AGE 102: PHYSICAL GEOGRAPHY 1

DATE: TUESDAY, 28TH APRIL 2015

TIME: 4.30 P.M. – 6.30 P.M.

INSTRUCTIONS:

Answer Question ONE and any other TWO questions. Use Illustrations where appropriate

- 1.a) Critique any TWO theories regarding the origin of the lithosphere. (10 marks)
- b) Describe the oceanic basin floor. (10 marks)
- c) Highlight the significance of any FIVE constituents of the atmosphere. (10 marks)

- 2.a) Explain any FIVE evidences to support continental drift theory. (10 marks)
- b) Discuss the environmental significance of sedimentary rocks. (10 marks)

- 3.a) Explain the elements of the rock cycle. (10 marks)
- b) Account for the high temperatures in the interior of the earth.

4. Discuss the significance of atmospheric and oceanic circulation. (20 marks)
5. Write concise notes on:
 - i) The life layer (5 marks)
 - ii) Temperature inversion. (5 marks)
 - iii) Rock laws (5 marks)
 - iv) Pressure gradient force. (5 marks)