



EMBU UNIVERSITY COLLEGE
(A CONSTITUENT COLLEGE OF THE UNIVERSITY OF NAIROBI)

SECOND SEMESTER EXAMINATIONS 2013/2014

SECOND SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE IN ENVIRONMENTAL CONSERVATION AND NATURAL RESOURCE
MANAGEMENT

SGP 111: NATURAL ENVIRONMENT

DATE: APRIL 8, 2014

TIME: 2.00PM - 4.00PM

INSTRUCTIONS:

ANSWER ANY TEN (10) QUESTIONS (7 MARKS EACH)

1. Describe briefly the layers of the atmosphere (7 marks)
- 2 a) Name three aquatic biomes of the earth (3 marks)
b) Describe grassland and tropical rain forest terrestrial biomes (4 Marks)
3. Explain meaning of:
 - (a) Absolute natural environment (1 mark)
 - (b) Geomorphology (1 mark)
 - (c) Population (1 mark)

- d) Differentiate between community and ecosystem (4 marks)
4. a) Identify 3 Natural Resources on the Earth's surface (3 marks)
b) Explain the difference between renewable and non renewable resources (4 marks)
5. Discuss the impact of human activities on the biosphere (7 marks)
6. Discuss the theory of plate tectonics (7 marks)
7. Discuss the hydrological cycle (7 marks)
8. a) Explain what Albedo is (1 mark)
b) Name terrestrial factors affecting Albedo (6 marks)
9. Discuss the greenhouse effect (7 marks)
10. Discuss the impact of humans on ecosystems (7 marks)
11. Differentiate between the lithosphere and the Asthenosphere (7 marks)
12. Discuss the importance of the Earth's atmosphere to living things (7 marks)

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