



KENYATTA UNIVERSITY

UNIVERSITY EXAMINATIONS 2010/2011

FIRST SEMESTER EXAMINATION FOR THE DEGREE OF BACHELOR OF
SCIENCE (ENVIRONMENTAL EDUCATION)

EED 107: INTRODUCTION TO ENVIRONMENTAL BIOLOGY

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DATE: TUESDAY 30TH NOVEMBER 2010 TIME: 2.00 P.M. - 4.00 P.M.

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INSTRUCTIONS

Answer question ONE and any other THREE.

1. a) Explain the following terms
 - i) Special creation
 - ii) Biopoesis
 - iii) Natural selection
 - iv) Prokaryote cell (8 marks)
- b) What is Scientific classification and why is it important. (6 marks)
- c) Explain the key features of different mammalian sub-groups. (5 marks)
- d) Explain the key determinants of life. (5 marks)
2. Using an illustration, discuss the Nitrogen cycle. (15 marks)
3. Discuss the fine structure of an animal cell. (15 marks)
4. Discuss the economic importance of microbes in the environment. (15 marks)
5. Discuss the concept of speciation and its mechanisms. (15 marks)