



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

4th YEAR 1ST SEMESTER EXAMINATION FOR THE DEGREE OF
BACHELOR OF EDUCATION ARTS WITH IT.

COURSE CODE: NGE402 (REGULAR)

COURSE TITLE: ENVIRONMENTAL CONSERVATION

DATE:

TIME:

DURATION: 2 HOURS

INSTRUCTIONS

1. This paper contains FIVE (5) questions
2. Answer question 1 (Compulsory) and ANY other 2 Questions
3. Write all answers in the booklet provided

1. a) (i) Distinguish between environment and ecosystem. (5 Marks)
(ii) Explain the role of the Biosphere in supporting human life on the Earth. (10 Marks)
- b) Assess any FIVE (5) principles of environmental conservation. (15 Marks)
2. a) Critically examine the contention that the Industrial Revolution has had the greatest impact on the environment. (10 Marks)
- b) Discuss measures that can be put in place to mitigate the effects of industrialization on the environment. (10 Marks)
3. Examine the role of agroforestry in environmental conservation. (20 Marks)
4. Evaluate the successes and failures of the approaches adopted in ameliorating human-wildlife conflicts in Africa. (20 Marks)
5. Assess the various ways of protecting and conserving the following phenomena:
 - (i) Fresh surface water (10 Marks)
 - (ii) Endangered wildlife in Kenya (10 Marks)