

# JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY SCHOOL OF EDUCATION

## UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION

ECDE

## 2<sup>ND</sup> YEAR 1<sup>ST</sup> SEMESTER 2015/2016 ACADEMIC YEAR

## KISUMU L.C

COURSE CODE: EMA 3121

COURSE TITLE: ENVIRONMENTAL EDUCATION

EXAM VENUE:

STREAM:

DATE:

EXAM SESSION:

TIME: 2 HOURS

## Instructions:

- 1. Answer Question ONE (COMPULSORY) and ANY other 2 questions
- 2. Candidates are advised not to write on the question paper.
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room.

## **SECTION A**

- 1) Define the following terms
  - i) Environmental education
  - ii) Ecological systems
  - Environmental management iii) (6mks)

b) Highlight five objectives of environmental education (5mks)

- c) Differentiate the following terms as used in environmental education
  - Inter-disciplinary approach i)
  - Multi-disciplinary approach ii) (4mks)

d) Explain the importance of family planning among community members (5mks) (5mks)

(5mks)

e) Identify five environmental issues in urban settlements

f) Explain five sources of solid wastes

#### **SECTION B**

2) a) Discus five challenges facing population in Kenya today	(10mks)
b) Explain five methods of teaching environmental education	(10mks)
3) a) Explain five methods of disposing solid waste materials in our surrounding today	
	(10mks)
b) Discus five effect of ozone layer in our environment	(10mks)
4) a) Define the term biodiversity and explain its significance in an ecosystem	(10mks)
b) Examine the resources a teacher can use in teaching environmental education	(10 mks)
5) a) Asses the purpose of NEMA in environmental management	
(10mks)	

b) Using relevance examples from your socio-cultural community discuss the indigenous ways of conserving resources sustainably (10mks)