



JARAMOGI ODINGA OGINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
ARTS WITH IT
1ST YEAR, 2ND SEMESTER, 2016/2017 ACADEMIC YEAR
MAIN CAMPUS, REGULAR

COURSE CODE: EMA 111

COURSE TITLE: ENVIRONMENTAL EDUCATION

DATE APRIL, 2017

STREAM: BED (Arts)

TIME: 2HOURS

EXAM SESSION:

Instructions:

1 Answer question ONE (COMPULSORY) and ANY other TWO questions.

2 Candidates are advised not to write on the question paper.

3 Candidate must hand in their answer booklets to the invigilator while in the examination room.

SECTION A (Answer all questions in the section)

Question ONE

- a) Define the following terms;
 - i. Environment (2mks)
 - ii. Ecosystem(2mks)
 - iii. Environmental Education(2mks)
- b) Briefly describe four causes of air pollution in Kenya (8mks)
- c) Describe the impact of global warming in the world today (8marks)
- d) Describe briefly the Lithosphere and explain its importance to man (8mks)

Question TWO

- a) With the aid of diagrams, differentiate between a food chain and food web (6mks)
- b) Using a well labelled diagram, describe how the Hydrological cycle occurs (6mks)
- c) Explain how man's activities has affected the Water Cycle and thus the availability of water. (8marks)

Question Three

Discuss how advancement in Information Technology has affected the Environment (20mks)

Question Four

- (a) Discuss how pollution occurs along Kenyan roads (10marks)
- (b) Discuss how advancement in Biotechnology influences the environment(10marks)

Question Five

- (a) Give a detailed account of the Malthusian Theory of population (10marks)
- (b) Discuss the relevancy of the theory to environmental conservation in Kenya (10marks)