



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF EDUCATION
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF EDUCATION
1ST YEAR 2ND SEMESTER 2015/2016 ACADEMIC YEAR
KISII CAMPUS- SCHOOL BASED

COURSE CODE: EMA 111/3121

COURSE TITLE: ENVIRONMENTAL EDUCATION

EXAM VENUE:

STREAM: (BED)

DATE: 27/04/2016

EXAM SESSION: 9.00 – 11.00 AM

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.**

QUESTION ONE

- (a) Mention five evidence of global warming. (5 marks)
- (b) Identify the consequences of the increase in the global mean temperature over the next few years. (5 marks)
- (c) What factors account for population change in Kenya? (5 marks)
- (d) State five threats to the earth's natural resources. (5 marks)
- (e) Highlight five climatic uses of trees as a natural environmental resource. (5 marks)
- (f) State five environmental impacts of agrochemicals. (5 marks)

QUESTION TWO

- (a) Critically review the environmental effects of fuel wood utilization and suggest possible responses to this issue with reference to rural Kenya. (16 marks)
- (b) Discuss the environmental implications of the recent discovery, exploration and extraction of oil in the Turkana region of Northern Kenya. (14 marks)

QUESTION THREE

- (a) Discuss the effects of the depletion of the ozone layer on society. (10 marks)
- (b) What are some of the initiatives being undertaken to conserve the ozone layer? (10 marks)

QUESTION FOUR

Discuss how destruction of catchment areas and large scale usage of pesticides and fertilizers contribute to the pollution of marine ecosystems. (20 marks)

QUESTION FIVE

- (a) With specific examples, explain strategies being carried out to eradicate all forms of threats to natural resources in Kenya. (12 marks)
- (b) Describe some defects of environmental laws in Kenya. (8 marks)