



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
WATER RESOURCE AND ENVIRONMENTAL MANAGEMENT
SEMESTER 2016/2017 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: PWE 3416

COURSE TITLE: ENVIRONMENTAL INSTITUTIONAL STRUCTURES AND FRAMEWORKS

EXAM VENUE: STREAM: SPATIAL PLANNING

DATE: EXAM SESSION:

TIME: 2 HOURS

Instructions:

- 1. Answer question 1 (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.**

1. Explain the following terminologies giving relevant examples in each case either national or international in nature.
 - (i) Environmental institution (4 marks)
 - (ii) Structures (4 marks)
 - (iii) Policy (4 marks)
 - (iv) Explain common sources of environmental laws which are in use by various countries (8 marks)
 - (v) Briefly discuss common indicators of economic development (10 marks)
 - (vi) Outline the common challenges countries face while enforcing environmental laws, regulations, and rules in Kenya (10 marks)

Section B

2. (a) Discuss the functions of various institutions created by EMCA of 1999 in Kenya (12 marks)
 - (b) Explain the common environmental offences in Kenya (8 marks)
3. (a) Discuss the various challenges of compliance and enforcement of environmental laws in Kenya (10 marks)
 - (b) Discuss common public policy principles (10 marks)
4. (a) Discuss the principles of environmental policy (10 marks)
 - (b) Discuss possible solutions to challenges faced by enforcement officers concerning environmental laws (10 marks)
5. (a) Discuss prevailing opportunities for promoting access to environmental justice in Kenya (10 marks)
 - (b) Briefly explain the first five stages of policy development by giving appropriate example at each stage (10 marks)