



**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: PES 3221

COURSE TITLE: ENVIRONMENTAL LAW AND POLICY

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.**

Q1. a) You have been appointed as a member of the National Environmental Council (NEC) as per Environmental Management and Coordination Act (EMCA) No.8 of 1999 (Amendment 2015). Discuss the view that Kenya is in "Environmental Crisis" as part of environmental policy formulation process (10 Marks)

b) Discuss the general Environmental Management Principles provided in Environmental Management and Coordination Act no. 8 of 1999 (10 Marks)

c) Explain the role of lead agencies (at least five) in environmental management in Kenya (10 Marks)

Q2 a) Discuss the functions of the Standards and Review Committee as stipulated in the Environmental Management and Coordination Act no. 8 of 1999 (10 Marks)

b) Explain the Environmental quality standards with specific reference to parameters as per EMCA No. 8 of 1999 for:

i) Water Quality (5 Marks)

ii) Air Quality (5 Marks)

Q3. a) Discuss the role of Water Resource Management Authority (WRMA) as contained in the Water Act 2002. (10 Marks)

b) What factors are considered by the Authority in issuance of the water permit as per the Water Act 2002 (Water Bill 2014) (10 Marks)

Q4.a) Outline the content of the National Environment Action Plan as contained in EMCA (10 Marks)

b) Explain these concepts with relevant examples in EMCA (10 Marks)

i) National Environment Trust Fund (5 Marks)

ii) Public Complaints Committee (5 Marks)

Q5. Discuss the relevance the following Acts of the Republic of Kenya in Environmental Management (20 Marks)

a) The Agriculture Act Cap 318 (5 Marks)

b) Forest Act 2005 (5 Marks)

c) Public Health Act Cap 242 (5 Marks)

d) The Physical Planning Act Cap 286 or Physical Planning Bill 2015 (5 Marks)