



**JARAMOGI OGINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY**

UNIVERSITY EXAMINATIONS 2012/2013

**FIRST YEAR FIRST SEMESTER EXAMINATION FOR THE
DEGREE OF MASTER OF SCIENCE IN URBAN
ENVIRONMENTAL PLANNING AND MANAGEMENT
KISII LEARNING CENTRE**

COURSE CODE: NES 803

COURSE TITLE: SUSTAINABLE URBAN LAND USE PLANNING

DATE: 16/4/2013

TIME: 8.00-11.00AM

DURATION: 3 HOURS

INSTRUCTIONS

1. This paper contains FIVE questions
2. Attempt Question 1(Compulsory) and ANY 2 Questions
3. Write all answers in the booklet provided

Q 1. Suppose your consultancy firm has been commissioned to prepare a medium term land use plan for Kisii Municipality.

- a) Detail the planning process you are likely to follow in order to deliver the expected output [20 Marks]
- b) Justify why professionals in the built environment should be equipped with basic skills in sustainable land use planning? [10 Marks]

Q2. a) Explain the following types of local physical development plans and their functions

- Integrated Urban Development Planning [10 Marks]
- Redevelopment plan [10 Marks]

Q3. a) To what extent is urban land use planning a factor in climate change discourse?

[10 Marks]

b) Discuss the competencies of a land use planner for efficient and effective land use planning [10 Marks]

Q4. a) With the aid of relevant local examples explain the role of the following elements in sustainable urban land use planning

- Policy framework [10 Marks]
- Technical instruments [10 Marks]

Q5. Explain what you understand by situational analysis and detail the key aspects that you will take into consideration for planning for a medium size town in Kenya [20 Marks]