



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY

UNIVERSITY EXAMINATION 2012/2013

1ST YEAR 2ND SEMESTER EXAMINATION FOR THE DEGREE OF
MASTER OF ARTS IN PROJECT PLANNING AND
MANAGEMENT
(MAIN CAMPUS)

COURSE CODE: APP 805

COURSE TITLE: PLANNING PRINCIPLES & TECHNIQUES

DATE: 22/4/2013

TIME: 9.00-12.00NOON

DURATION: 3 HOURS

INSTRUCTIONS

1. This paper contains FIVE (5) questions
2. Answer question 1 (Compulsory) and any other two questions
3. Write all answers in the booklet provided

Q1. Municipal Council of Bondo is in the process of preparing a strategic spatial development plan for the area surrounding Jaramogi Oginga Odinga University and you have been appointed by the Town Clerk to the Council as the Lead Project Consultant.

- a) Advise on the possible planning challenges and opportunities in the planning process to be addressed in the advisory plan [10 Marks]
- b) Discuss the planning principles you would use to plan the area [10 Marks]

Q2. Explain the following sources of information in the preparation of a base map to realize a technically viable plan and facilitate project implementation:

- a) Topographic Maps [5 Marks]
- b) Preliminary Index Diagrams (PIDs) [5 Marks]
- c) Valuation Roll [5 Marks]
- d) Aerial Photographs [5 Marks]

Q3. The Director of Planning and Development for Siaya County is required to prepare a County Regional Development Plan. Please prepare a planning brief to the Governor giving details of the two components of plan preparation process:

- A) The Planning Profile [10 Marks]
- B) The Planning Proposal [10 Marks]

Q4. Explain the use of the following planning methods and techniques to realize comprehensive planning:

- A) Problem Tree Analysis [10 Marks]
- B) SWOT Analysis [10 Marks]

Q5. Discuss the Planning Standards that can be applied in promoting sustainable development of Residential Neighbourhood in your town [20 Marks]