



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SPATIAL
PLANNING AND DESIGN
SEMESTER 2022/2023 ACADEMIC YEAR

CENTRE: MAIN CAMPUS

COURSE CODE: PPB 1208

COURSE TITLE: PLANNING PRINCIPLES AND TECHNIQUES

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. The County Government has appointed you to prepare a Spatial Plan for your Market Centre, discuss the following:

- a) The relevant challenges the plan will address (10 Marks)
- b) The relevant opportunities the plan will maximise (10 Marks)
- c) Sustainable Development Principles (Normative) will apply (10 marks)

Q2. Discuss the following Development Control Principles.

- a) Aesthetics (5 Marks)
- b) Accessibility (5 Marks)
- c) Conformity (5 Marks)
- d) Safety (5 Marks)

Q3. With illustrations explain the application of the following planning techniques in solving physical and land use planning challenges

- a) Women Safety Audit (5 Marks)
- b) Participatory Rural Appraisal (PRA) (5 Marks)
- c) Quantitative Techniques (5 Marks)
- d) Geographical Information System (GIS) (5 Marks)

Q4. Discuss the following strategies or models in spatial planning

- a) Concentric Model (10 Marks)
- b) The Neighbourhood Concept (10 Marks)

Q5. Explain the following planning standards for integrated Urban Development

- a) Industrial Park (10 Marks)
- b) Educational Facilities (10 Marks)