



ISO 9001: CERTIFIED

**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF SPATIAL PLANNING AND NATURAL RESOURCE MANAGEMENT**

SECOND-YEAR SECOND SEMESTER EXAMINATION 2024/2025

BACHELOR OF ARTS IN SPATIAL PLANNING

COURSE CODE: PPB 1208

COURSE TITLE: PLANNING PRINCIPLES AND TECHNIQUES

EXAM VENUE: LAB 10

STREAM:

DATE: 16/4/2025

EXAM SESSION: 9.00-11.00

TIME:9.00-11.00

JOOUST OBSERVES ZERO TOLERANCE TO EXAM CHEATING

SECTION A (Compulsory)

Q1. You have been asked to analyse urban transition challenges within the 21st Century, with illustrations of any rural-urban continuum please discuss the application of the following spatial planning and development control principles in managing emerging issues.

- a) Plan with partners (5 Marks)
- b) Accessibility (5 Marks)
- c) Conservation (5 Marks)
- d) Market responsive (5 Marks)
- e) Cultural Integration (5 Marks)
- f) Compatibility (5 Marks)

SECTION B (Any Two Questions)

Q2. Second Year Planning Students carried out a Rural Planning Studio in Kapiyo Sub-location please discuss the advantages of the following planning techniques

- a) Participatory Planning (5 Marks)
- b) Geographical Information System (5 Marks)
- c) Quantative methods (5 Marks)
- d) Goal Achievement Matrix (5 Marks)

Q3. Discuss the following planning concepts as applied in urban planning in Kenya today?

- a) Smart City (5 Marks)
- b) Compact City (5 Marks)
- c) Good Governance (5 Marks)
- d) Urban Renewal (5 Marks)

Q4. Discuss the role of spatial planning in promoting the following Sustainable Development Goals (SDGs) in Kenya

- a) No Poverty (5 Marks)
- b) Life Below Water (5 Marks)
- c) Sustainable Cities and Communities (5 Marks)
- d) Quality Education (5 Marks)

Q5. With illustration please explain the following planning standards for urban /regional development planning

- a) Agricultural Planning (10 Marks)
- b) Industrial Planning (10 Marks)