



**JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND
TECHNOLOGY SCHOOL OF SPATIAL PLANNING
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF
ARTS IN SPATIAL PLANNING AND DESIGN
SEMESTER2 2024/2025 ACADEMIC YEAR
CENTRE: MAIN CAMPUS**

CODE: PPB1108: COURSE TITLE: ENVIRONMENT AND DEVELOPMENT

EXAM VENUE: LAB 10 STREAM: SPATIAL PLANNING

DATE: 24/4/2025 EXAM SESSION: 9.00-11.00

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.**

Q1a) Discuss the following statements using examples

- i) Environment is the foundation upon which human civilization is based [5 Marks]
 - ii) 'Man is both a cause and victim of environmental degradation'. Discuss with the aid of at least five relevant local examples [8 Marks]
 - iii) Poverty contributes to environmental degradation [5 Marks]
- b) Using examples, explain the environmental problems associated with unprecedented urbanization in developing countries [12 Marks]

Q2a) Explain the contribution of the following to the conservation and management of the environment and natural resources

- i) Rachael Carson 1962 [4 Marks]
- ii) Thomas Malthus 1798 [4 Marks]
- iii) The Club of Rome 1971 [4 Marks]
- iv) IUCN, UNEP & WWF 1980 [4 marks]
- v) Aldo Leopold 1949 [4 Marks]

Q3a) Discuss the negative impacts of globalization on the environment [10 Marks]

b) Using examples, discuss factors that fueled environmental movements in the global South (China, Korea, India, Kenya) [10 Marks]

Q4a) Discuss the following terms using examples

- i) Climate change [2 Marks]
- ii) Environmental pollution [2 Marks]
- iii) Municipal Waste [2 Marks]
- iv) Wetland [2 Marks]
- v) Riparian reserve [2 Marks]

b) Provide plausible justification for the following United Nations Conventions

- i) UN Convention on Wetlands of International Importance [2 Marks]
- ii) UN Convention on Biological Diversity [2 Marks]
- iii) The Basel Convention [2 Marks]
- iv) UN Convention on Combat Desertification [2 Marks]
- v) UN Convention on Combat Climate Change [2 Marks]

Q5a) Using examples, explain the concept of sustainable development according to the United Nations World Commission on Environment and Development 1987

[5 Marks]

b) Using examples, discuss how land use planning may be leveraged to achieve sound conservation and management of the environment and natural resources [15 Marks]