



**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR,
1ST YEAR SECOND SEMESTER, EXAMINATION
(MAIN EXAM)
MASTER OF ARTS IN GEOGRAPHY**

COURSE CODE: GEO 823

**COURSE TITLE: ADVANCED REGIONAL DEVELOPMENT
PLANNING**

DATE: Wednesday 20th April, 2022

TIME: 9:00-12:00 PM

INSTRUCTIONS TO CANDIDATES

- Answer question ONE and any other THREE questions
- Use illustrations wherever appropriate.

MMUST observes ZERO tolerance to examination cheating

1. Define and explain the following terminologies as applied in Regional Planning and Development;
 - i. Functional integration (5marks)
 - ii. Relative modernization (5 marks)
 - iii. Sustainability appraisal (5 marks)
2. Assess the utility of the core-periphery concept to the understanding of spatio-temporal global regional development patterns. (15 marks)
3. Identify and discuss the principles guiding the Regional development process and procedure. (15 marks)
4. 'One of the downward spirals in regional planning and development is that of poverty and hunger to environmental degradation, deteriorating agriculture, manufacturing and hence poverty and hunger.' Citing examples from Africa elucidate this statement. (15 marks)
5. Write a critique of one of the County Spatial Plans produced by Kenya's County Governments and give a summary of your suggested recommendations relating to the possible future improvement of County Spatial Plans. (15 marks)
6. You have been appointed the County Executive Committee member in charge of Land Use Planning and Environment for Nakuru County. During one of the County Executive Committee member meetings, concern was raised over a serious threat by human activities to Lake Naivasha and its environs. It was resolved that environmental awareness by the population around the lake should be enhanced in order to preserve Lake Naivasha. You were mandated and tasked to execute that assignment. Briefly explain the strategies you would employ to involve the relevant stakeholders in the efforts to protect Lake Naivasha and its environments from possible pollution or other forms of environmental degradation. (15 marks)