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(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)
UNIVERSITY MAIN EXAMINATION
2023/2024 ACADEMIC YEAR
MAIN CAMPUS**

**THIRD YEAR FIRST SEMESTER EXAMINATIONS
FOR THE DEGREE IN DISASTER MITIGATION AND
SUSTAINABLE DEVELOPMENT**

COURSE CODE: DSM 302

COURSE TITLE: RURAL AND URBAN PLANNING

DATE: 5/12/2023

TIME: 3-5 P.M

INSTRUCTIONS TO CANDIDATES

Question ONE (1) is compulsory
Answer ANY OTHER TWO (2) questions

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 2 Printed Pages. Please Turn Over.

QUESTION 1 (30 marks)

a. Explain the following terms as used in rural and urban land use planning

I. Tenure responsive land-use planning (2 Marks)

II. Advocacy planning: (2 Marks)

III. Land tenure (2 Marks)

b. Explain the main role of a Land Use Planning Framework (6 Marks)

c. Briefly explain any FOUR challenges on land use planning in sub-Saharan Africa (8 Marks)

QUESTION 2 (20 marks)

Explain what Integrated Land use planning (ILUP) negotiation process entails and what INDICATORS you will consider in appraising the *sustainability of recommended IILUP options from the negotiation process* (20 Marks)

QUESTION 3 (20 Marks)

a. Using relevant examples, explain the term “environmentally friendly solution” in context of urban planning (12 Marks)

b. Land use and governance is influenced by many factors. Evaluate any four factors that influence land use planning and sustainability at local scale under the following subtitles

I. Structural factors (4 Marks)

II. Social cultural (4 Marks)

QUESTION 4 (20 Marks)

The government of Kenya hires you as a lead consultant on integrated land use planning exercise. Enumerate the types of land-related data and Information you believe must be collected and you will report on (20 Marks)