



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR**

SECOND YEAR SECOND SEMESTER

**SCHOOL OF NATURAL RESOURCE, TOURISM
AND HOSPITALITY**

**BACHELOR OF URBAN AND REGIONAL
PLANNING**

COURSE CODE: ENS 2205-1

**COURSE TITLE: LAND USE AND
ENVIRONMENT**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in section **A** and any other **THREE** in section **B**.

This paper consists of 2 printed pages. Please turn over

SECTION A: Answer all questions (20mks)

1. Describe the urban sprawl concept and demonstrate how it how it gets to affects the urban, peri-urban and suburbs environments. **(5mks)**
2. (a). Briefly explain FIVE **(5)** distinct types of agricultural systems commonly used in Kenya. **(5mks)**
(b). Write short notes on the permaculture techniques employed to increase food security and enhance sustainability. **(5mks)**
3. Concisely explain 5 negative impacts of tourism as a land use on the environment. **(5mks)**

SECTION B: Answer any THREE questions (30mks)

4. (a) Using relevant examples, discuss the nature of land use conflict between urban settlements and agricultural lands and the potential impacts on food security and environmental sustainability. **(5mks)**
(b). Please describe how you would apply sustainable land use practices to address conflicts arising between urban settlements and agricultural lands. **(5mks)**
5. Discuss THREE **(3)** broad impacts of forest deforestation and degradation. **(10mks)**
6. (a). Write short notes on any TWO **(2)** policy, ONE **(1)** legal, and ONE **(1)** institutional framework that are involved in land use planning and management in Kenya. **(5mks)**

(b). Debate on factors affecting compliance with the existing policy, legal and administrative frameworks on Land-Use planning vision and ambitions. **(5mks)**

7. (a) Using relevant examples describe of specific strategies or practices that could promote both environmental conservation and economic viability within this context of Sustainable Forest Management. **(5mks)**

(b). Describe your understanding of active forest management and its benefits within the context of forest land use in your local county. Provide five specific examples illustrating the advantages of active forest management, drawing from your knowledge and experience. **(5mks)**

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