



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2017/2018 ACADEMIC YEAR
THIRD YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL
RESOURCES MANAGEMENT
DEPARTMENT OF ENVIRONMENTAL STUDIES
GEOGRAPHY AND AGRICULTURE
BACHELOR ARTS GEOGRAHY**

COURSE CODE: GEO 2217/208

COURSE TITLE: LAND USE PLANNING

DATE: 23RD APRIL 2018

TIME: 8.30A.M-10.30AM

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 (25 marks)

- 1) Define the following terms
 - a) Land (2 mks)
 - b) Land use planning (2 mks)
 - c) Sustainable development (2 mks)
 - d) land mapping unit (2 mks)
- 2) Explain any five human interventions for improving land productivity (5 mks)
- 3) Briefly explain any six functions of land (6 mks)
- 4) Discuss any two methods of assessing land carrying capacity (6 mks)

SECTION B: ANSWER ANY THREE QUESTIONS (45 marks)

- 5) Critically discuss the major principles in land use planning (15 mks)
- 6) Using practical examples, discuss the factors that determine land use (15 mks)
- 7)
 - a) Briefly discuss any two urban land use models (6 mks)
 - b) State any three types of land use and explain at least two effects that each will have on the environment (9 mks)
- 8) Using relevant examples, explain the various programmes necessary for sustainable land productivity. (15 mks)

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