



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 ENVIRONMENTAL SCIENCE (EPM)**

COURSE CODE: EPM 303

**COURSE TITLE: RURAL AND URBAN ENVIRONMENTAL
PLANNING AND MANAGEMENT TECHNIQUES**

DATE: 20TH APRIL, 2018

TIME: 0830 – 1030HRS

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) Planning (2 mks)
 - b) Environmental management (2 mks)
- 2) Briefly explain the relevance of undertaking environmental management. (6 mks)
- 3) Using relevant examples, explain the basic techniques and procedures of environmental planning and management (6 mks)
- 4) Using relevant examples, explain how meetings function as a technique for human resource mobilization (6 mks)
- 5) Briefly explain the major principles that guide environmental managers (3mks)

SECTION B (45 marks)

- 6) Discuss the role of the following in environmental decision making (15 mks)
 - a) Scientist
 - b) Engineers
 - c) Public
- 7) Discuss the evolution of environmental management paradigms (15 mks)
 - a) Frontier economics
 - b) Deep ecology
 - c) Environmental protection
- 8) Briefly explain the main components of the environment that are indexed in quantitative techniques in environmental management (15 mks)
- 9) Critically discuss the main contents of an environmental planning report (15 mks)

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