

MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR**

**FIRST YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL RESOURCE MANAGEMENT**

**BACHELOR OF TOURISM MANAGEMENT**

**COURSE CODE: BTM 1105**

**COURSE TITLE: INTRODUCTION TO HUMAN AND PHYISICAL GEOGRAPHY**

**DATE: 1ST FEBRUARY 2017 TIME: 08:30 – 10:30AM**

**INSTRUCTIONS TO CANDIDATES**

Answer all question in **SECTION** **A** and any other three in **SECTION B**

**SECTION A (COMPULSORY) 25 MARKS**

1. Underscore the purpose of geography (5 marks)
2. Enumerate the methods that are used to collect geographical data

(5 marks)

1. Describe the different plate boundaries associated with the theory of plate tectonic movement (5 marks)
2. Using a diagram, describe the concept of ‘**food chain’** in an ecosystem

(5 marks)

1. a) Distinguish between physical geography and human geography

(2 marks)

b) Give the traditions that are used to describe geographical phenomena

(3 marks)

**SECTION B ANSWER ANY THREE QUESTIONS (45 MARKS)**

6) Discuss urbanization and its impacts on human livelihoods (15 marks)

7) Using an equation, discuss the earth’s water balance (15 marks)

8) With a well labeled diagram, explain the nitrogen cycle (15 marks)

9) Using clear illustrations, discuss the general circulation of the atmosphere based on the following;

a) Energy balance (5 marks)

b) Transport processes (4 marks)

c) The three cell model (6 marks)

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