



MAASAI MARA UNIVERSITY

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

**SCHOOL OF TOURISM AND NATURAL
RESOURCE MANAGEMENT
BACHELOR OF EDUCATION (ARTS) AND
BACHELOR OF ARTS (GEOGRAPHY)**

**COURSE CODE: GEO 1103
COURSE TITLE: INTRODUCTION TO THE
EARTH'S PHYSICAL ENVIRONMENTS**

DATE: 10TH DECEMBER 2018

TIME: 0830 - 1030 HOURS

INSTRUCTIONS TO CANDIDATES

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

This paper consists of 2 printed pages. Please turn over.

QUESTION ONE (COMPULSORY)

- a) Compare and describe each of these Earth layers:
- i. Lithosphere. (4 marks)
 - ii. Oceanic crust. (2 marks)
 - iii. Continental crust. (4 marks)
- b) Explain the various causes of rock stress and describe their effect. (10 marks)
- c) What factors influence the distribution of plants and animals? (10 marks)

ANSWER ANY TWO OTHER QUESTIONS

QUESTION TWO

Describe the three types of tectonic plate and how the processes lead to changes in Earth's surface features. (20 marks)

QUESTION THREE

- a) Differentiate between Endogenic and exogenic process. (6 marks)
- b) Describe in detail what is meant by the term "Earth's Motions." (14 marks)

QUESTION FOUR

- a) Discuss the ways in which energy is transferred in the atmosphere. (8 marks)
- b) Examine the significance of the atmosphere. (12 marks)

QUESTION FIVE

Give brief account of the following types of winds.

- Land breeze. (5 marks)
- Sea breeze. (5 marks)
- Mountain and Valley Breezes. (5 marks)
- Katabatic winds. (5 marks)

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