



MAASAI MARA UNIVERSITY

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

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

COURSE CODE: GEO 2109

**COURSE TITLE: INTRODUCTION TO
CARTOGRAPHY**

DATE: 3RD DECEMBER, 2018

TIME: 1100 - 1300 HRS

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

**Introduction to Cartography, Map Analysis & Statistics
Geo 2109**

SECTION A (30 MARKS) (COMPULSORY)

QUESTION ONE

- a. Describe the concept of cartography. **(10 marks)**
- b. Discuss the various uses of scales in cartography. **(10 marks)**
- c. Discuss various methods of representing relief in topographic maps. **(10 marks)**

SECTION B (45 MARKS) (ANSWER ANY TWO QUESTIONS)

QUESTION TWO

- (a) Explain what is meant by the following terms:
 - i. Map projection. **(5 marks)**
 - ii. A thematic map. **(5 marks)**
- (b) Discuss the major types of map projections. **(10 marks)**

QUESTION THREE

- (a) Cartography is a science, an art, and technology. Elucidate. **(15 marks)**
- (b) State five features of a good map. **(5 marks)**

QUESTION FOUR

- (a) Discuss the various ways of locating places in topographic maps. **(15marks)**
- (b) What are the geographical uses of topographical maps? **(5 marks)**

QUESTION FIVE

Discuss how the following assisted in the science of map making.

- a) The Medieval Phase. **(5 marks)**
- b) Renaissance Phase. **(5 marks)**
- c) Modern phase. **(10 marks)**

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