



MAASAI MARA UNIVERSITY

**REGULAR UNIVERSITY EXAMINATIONS
2023/2024 ACADEMIC YEAR
SECOND YEAR FIRST SEMESTER**

**SCHOOL OF NATURAL RESOURCE,
ENVIRONMENTAL STUDIES AND AGRICULTURE**

**BACHELOR OF ARTS IN GEOGRAPHY AND
GEOSPATIAL TECHNIQUES**

**COURSE CODE: GEO 2112-1/GEO 2103-1
COURSE TITLE: INTRODUCTION TO
CARTOGRAPHY AND MAP
ANALYSIS**

DATE: 15TH DECEMBER, 2023

TIME: 1100-1300 HRS

INSTRUCTIONS TO CANDIDATES

Answer **ALL** questions in Section A, and any **THREE** questions in Section B.
use illustrations where appropriate.

This paper consists of 2 printed pages. Please turn over

SECTION A – 20 MARKS

- Q1. Briefly discuss the earth as a cartographic problem (2 marks)
- Q2. Differentiate between Map and navigational chart (2 marks)
- Q3. Using examples, discuss the dot distribution, graduated symbols and proportional symbol maps as used in cartography (6 marks)
- Q4. Explain the main sources of data in cartography (2 marks)
- Q5. Discuss the benefits of data classification in cartography (2 marks)
- Q6. Discuss the cartographic communication (6 marks)

SECTION B – 30 MARKS

- Q7. Discuss the approaches to data classification (10 marks)
- Q8. Using illustrations, discuss the types of geographical features (10 marks)
- Q9. Discuss the ten (10) map elements (10 marks)
- Q10. Describe five (5) main principles of map design (10 marks)

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