



MAASAI MARA UNIVERSITY

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

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

**BACHELOR OF SCIENCE IN ENVIRONMENTAL
STUDIES**

COURSE CODE: BES 1210-1

COURSE TITLE: KENYA BIO-PHYSICAL SURVEY

DATE: 15/5/24

TIME: 1100-1300HRS

INSTRUCTIONS TO CANDIDATES

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

This paper consists of two printed pages.

SECTION A – 20 MARKS

1. Define biophysical survey and state three of its key aspects. (5 Marks)
2. Using examples distinguish between physical and human geography in Kenya. (5 Marks)
3. State five types of natural resources that are found in Kenya (5 Marks)
4. Using examples outline five biophysical regions in Kenya (5 Marks)

SECTION B – 30 MARKS

5. Biophysical survey involves several steps to systematically assess and document the physical characteristics of a particular area, such as soil types, vegetation, landforms, and hydrology. Explain five steps that are involved when carrying out a biophysical survey in an area. (10 Marks)
6. Biophysical surveys play a crucial role in environmental science. Discuss five importance of undertaking biophysical survey in environmental science (10 Marks)
7. Kenya's natural resources face various threats, both human-induced and environmental. Explain five such threat (10 Marks)
8. Discuss five importance of Wetland resources in Kenya (10Marks)

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