



MAASAI MARA UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

**SCHOOL OF TOURISM AND NATURAL RESOURCE
MANAGEMENT**

**BACHELOR OF ENVIRONMENTAL BIOLOGY AND
HEALTH**

COURSE CODE: EBH 1208

**COURSE TITLE: SUSTAINABLE FOOD PRODUCTION AND
ENVIRONMENTAL SYSTEMS**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Section **A** is compulsory

Answer any **THREE** questions in section **B**

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

Section A: 25 marks

1. Describe the trends and drivers of Agricultural Development (5 marks)
2. Discuss food system vulnerability (5marks)
3. Highlight how we can achieve food security through adaptation to climate change (5 marks)
4. Explain the Integration of soil-crop-water management systems (5 marks)
5. Discuss Water Management in Agriculture (5 marks)

Section B: 45 marks

6. Analyze impacts of climate change on livestock production systems (15 marks)
7. Discuss climate change impacts on crop production (15 marks)
8. Describe practices and technologies for mixed farming systems (15 marks)
9. Assess the impact of climate change on marine fisheries resources (15 marks)



MAASAI MARA UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER

**SCHOOL OF TOURISM AND NATURAL RESOURCE
MANAGEMENT**

BACHELOR OF TOURISM MANAGEMENT

COURSE CODE: BTM 2206

**COURSE TITLE: TOURISM AND ENVIRONMENTAL
MANAGEMENT**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Section **A** is compulsory

Answer any **THREE** questions in section **B**

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

Section A: 25 marks

- 1.Explain the rationale for tourism planning for success (5 marks)
- 2.Highlight the principles of Integrated Coastal Zone Management (ICZM) in the context of tourism development (5 marks)
3. Briefly discuss UNEP/UNWTO Sustainable tourism aims (5 marks)
4. Briefly discuss health and environment in relation to tourism development (5 marks)
- 5.Outline the global code of ethics for tourism of the World Tourism Organization (UNWTO) for effective planning and management (5 marks)

Section B: 45 marks

6. Analyze the guiding principles of Environmental Impact Assessment (EIA) for the tourism industry (15 marks)
7. Discuss Climate Change Impacts on Tourism (15 marks)
8. Analyze tourism carrying capacity assessments (15 marks)
- 9.Discuss disaster risk management mechanisms for the tourism industry (15 marks)
10. Analyze strategies and tactics for managing high levels of use in protected areas (15 marks)



MAASAI MARA UNIVERSITY

UNIVERSITY EXAMINATIONS

2017/2018 ACADEMIC YEAR

FOURTH YEAR FIRST SEMESTER

**SCHOOL OF TOURISM AND NATURAL RESOURCE
MANAGEMENT**

BACHELOR OF GEOGRAPHY

COURSE CODE: GEO 412

COURSE TITLE: ENVIRONMENTAL MANAGEMENT

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

Section **A** is compulsory

Answer any **THREE** questions in section **B**

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

Section A: 25 marks

1. Briefly explain the justification for Kenya's National Environment Policy, 2013 (5 marks)
2. Outline the guiding principles of an Environmental Policy (5 marks)
3. Describe challenges to the successful Implementation of an Environmental Policy (5 marks)
4. Discuss Strategies and Actions for effective Implementation of an Environmental Policy (5 marks)
5. Examine principles of the 1972 Stockholm Conference on human development (5 marks)

Section B: 45 marks

6. Analyze policy issues for effective management and sustainable use of forest ecosystems (15 marks)
7. Discuss strategies to protect and conserve wildlife resources in Kenya (15 marks)
8. Outline ways to promote the sustainable use of coastal and marine ecosystems (15 marks)
9. Describe policy issues for sustainable management of arid and semi-arid lands (15 marks)