



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS  
2018/2019 ACADEMIC YEAR  
FIRST YEAR FIRST SEMESTER**

**SCHOOL OF TOURISM AND NATURAL  
RESOURCE MANAGEMENT  
BACHELOR OF SCIENCE IN ENVIRONMENTAL  
STUDIES**

**COURSE CODE: ENS 1102**

**COURSE TITLE: PRINCIPLES OF ENVIRONMENT &  
DEVELOPMENT**

**DATE: 7<sup>TH</sup> DECEMBER 2018**

**TIME: 1100 - 1300HRS**

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## **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*

## **SECTION A: COMPLUSORY**

1) a) Define the following terminologies

- i) Environment **(1mk)**
- ii) Development **(1mk)**
- iii) Market failure **(1mk)**
- iv) Balance of trade **(1mk)**

b) Differentiate between Gross domestic Product (GDP) and Gross National Product (GNP) **(2mks)**

c) Briefly explain four factors causing trade-off between economic growth and environment **(4mks)**

d) State and briefly explain three types of knowledge environment **(3mks)**

e) Differentiate between environmental science and environmental studies. **(2mks)**

f) Briefly explain how development affects the environment. **(5mks)**

g) What is the significance of Stockholm conference to development? **(2mks)**

h) State two objectives of the Global environmental Facility **(3mks)**

## **SECTION B : ANSWER ANY THREE QUESTIONS**

2. Explain factors affecting economic growth and development in Kenya. **(15mks)**

3. Discuss international cooperation and coordination in the context of sustainable development. **(15mks)**

4. Describe the emergence of environmental movements in third world countries, using Kenya as an example **(15mks)**

5. a) Discuss the establishment of the International Panel on Climate Change in 1988 **(5mks)**

b) Show the relevance of (a) above in combatting effects of climate change, **(10 mks)**.

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