



**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME: BSC LWM 4 AND BSC AG ED 4

COURSE CODE: LUM 404 M (NEW)

TITLE OF PAPER: NATURAL RESOURCES MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

SPECIAL MATERIAL REQUIRED: NONE

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY TWO
OTHER QUESTIONS.

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GRANTED BY THE CHIEF INVIGILATOR**

SECTION A. COMPULSORY QUESTION

Question One

- a. Describe how Integrated Environmental Management (IEM) is important for ensuring sustainable use of natural resources mentioning the tools and processes involved.

30 marks

- b. Describe using examples the difference between renewable and non-renewable “renewable” resources.

10 marks

SECTION B. ANSWER ANY TWO QUESTIONS

Question two

- a. Using examples, describe how the world’s population increase impacts on natural resources management.

20 marks

- b. Explain the importance of the Kyoto Protocol in controlling green house gases emissions.

10 marks

Question Three

- a. Using examples, describe how land management contributes to both crop and livestock production?

15 marks

- b. Using examples, explain the impact of urbanization on water resources management.

15 marks

Question four

a. Explain the meaning of the following terms as used in resources management;

- i. Social justice
- ii. Global warming
- iii. Emissions trading
- iv. Consumption disparity

20 marks

b. Explain how the Environment Management Act 2002 of Swaziland is important for environmental protection.

10 marks