



**UNIVERSITY OF SWAZILAND  
FINAL EXAMINATION PAPER**

**PROGRAMME:** BSC LWM 4 AND BSC AG ED 4

**COURSE CODE:** LUM 404 M

**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. Using examples explain why a country's governance system is important for natural resources management? **10 marks**
- b. Explain why EIA is considered an important tool in environmental management in most countries of the world? **10 marks**
- c. Choose at least two examples of population growth structure. **4 marks**
- d. Explain why population may be considered an environmental issue in those growth patterns? **16 marks**

**SECTION B. ANSWER ANY TWO QUESTIONS**

**Question two**

- a. Using examples explain the importance of both land tenure and land tenure reform. **10 marks**
- b. Describe the land tenure system of Botswana or Swaziland giving the advantages and disadvantages of the system. **20 marks**

**Question three**

- a. Discuss the water and land issues associated with urbanization in Swaziland. **20 marks**
- b. Suggest how the problems discussed in part (a) could be resolved. **10 marks**

**Question four**

a. Define the word environment as used in natural resources management.

**4 marks**

b. Give a brief and concise explanation why it is important to understand the environment?

**8 marks**

c. Describe the difference between point source and non point source pollution.

**10 marks**

d. Describe the role of the 'operator' as stipulated in the Swaziland Pollution Control Regulations 1999.

**8 marks**