



**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME: BSC IN LAND AND WATER MANAGEMENT 4

COURSE CODE: LUM 401

TITLE OF PAPER: LAND EVALUATION AND PLANNING

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**

QUESTION 1 (COMPULSORY QUESTION)

- a. Describe five factors that should be considered when undertaking a social impact analysis of land use. (20 marks)
- b. Describe the components of the physical environment of land, highlighting how they can be used for land evaluation. (20 marks)

QUESTION 2

- a. Describe the role of monitoring and revising a land use plan, specifying the questions that should be answered by the monitoring. (15 marks)
- b. Describe three symptoms of land use problems and their underlying causes, specifying how such problems can be solved. (15 marks)

QUESTION 3

- a. Discuss the practical considerations to be taken into account when decision-makers choose the best option for land use. (20 marks)
- b. Using examples, describe how quantitative land evaluation can be used in making a choice on the type of land use that is appropriate for an area (10 marks)

QUESTION 4

- a. Discuss the key institutions that are involved in implementing land use plans in rural Swaziland, highlighting the role played by each institution. (15 marks)
- b. Describe three types of basic information about an area that is necessary for establishing goals and terms of references for land use planning, specifying the sources of the information, and how such information can be used. (15 marks)