



**UNIVERSITY OF SWAZILAND
SUPPLEMENTARY 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**

**DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN
GRANTED BY THE CHIEF INVIGILATOR**

QUESTION 1 (COMPULSORY QUESTION)

- (a) Compare and contrast land capability classification and land suitability classification, indicating conditions under which each of them can be applicable. (20 marks)
- (b) Describe the role of Environmental Impact Assessment (EIA) in project planning and implementation, highlighting the types of impacts to be included when carrying the EIA. (20 marks)

QUESTION 2

- (a) 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. (15 marks)
- (b) Describe the different levels at which land use planning can be undertaken. (15 marks)

QUESTION 3

- (a) Discuss the key institutions that are involved in implementing land use plans in rural Swaziland, highlighting the role played by each institution. (20 marks)
- (b) Compare and contrast multiple land utilisation type and compound land utilisation type. (10 marks)

QUESTION 4

- (a) Describe the role of monitoring and revising a land use plan, specifying the questions that should be answered by the monitoring. (10 marks)
- (b) Using examples describe the information to be contained in a land use plan (20 marks)