



**UNIVERSITY OF SWAZILAND
FINAL EXAMINATION PAPER**

PROGRAMME: BSc IN HE V & BSc IN HE ED V

COURSE CODE: LUM 501 (Old Programme)

TITLE OF PAPER: NATURAL RESOURCE MANAGEMENT

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 ONE

- (a) Land is the most fundamental natural resource because it provides nearly all the food we use today. Describe some of the problems and implications of global land degradation. (20 marks)
- (b) Give examples supporting the statement that communally owned resources are nearly always over-exploited. (20 marks)

QUESTION TWO

- (a) Using examples, illustrate how the supply of natural resources responds to demand over a short period of time. (15 marks)
- (b) World population is increasing rapidly. Discuss the pressures that this increase is having on the world's natural resources. (15 marks)

QUESTION THREE

- (a) Discuss the underlying reason for the continued plight of suffering of Africans in relation to natural resource management. (15 marks)
- (b) Using examples, explain the difference between renewable and non-renewable natural resources. (15 marks)

QUESTION FOUR

- (a) Give a brief description of five (5) determinants of domestic water quality and indicate how each of them can be used to determine the quality of water. (15 marks)
- (b) Discuss the role of natural reserves in preserving flora and fauna. (15 marks)