

UNIVERSITY OF SWAZILAND
SUPPLEMENTARY EXAMINATION: JULY 2006
BASS IV.

TITLE OF PAPER : LAND USE PLANNING
COURSE NUMBER : GEP 415
TIME ALLOWED : THREE (3) HOURS
INSTRUCTIONS :
1. ANSWER THREE (3) QUESTIONS
2. QUESTION ONE IS COMPULSORY
3. ILLUSTRATE YOUR ANSWERS WITH
EXAMPLES AND LARGE CLEARLY DRAWN
DIAGRAMS WHERE APPROPRIATE.

SPECIAL REQUIREMENTS:
1. MAP OF SWAZILAND (PWD 29) 1: 50 000
2. TRACING PAPER (A4)
3. GRAPH PAPER (A4)

ALLOCATION OF MARKS: QUESTION ONE (COMPULSORY) IS WORTH
40 MARKS WHILE THE REST ARE WORTH 30
MARKS EACH.

THIS PAPER MUST NOT BE OPENED UNTIL PERMISSION HAS BEEN GRANTED BY
THE INVIGILATOR.

SECTION A
COMPULSORY

QUESTION 1

Use the map of Swaziland PWD 29 to do the following activities:

- (a) Demarcate Zombodze area within the Mzinsangu – Spekboom drainage basin to point 380158. (5 marks)
 - (b) Produce a detailed land use map of Zombodze. (10 marks)
 - (c) Explain the rationale for the location of the various land uses. (10 marks)
 - (d) Identify and explain potential land use problems or conflicts likely to emerge in the area given a rapid growth of the neighboring city of Nhlangano. (15 marks)
- (40 marks)**

SECTION B
ANSWER ANY TWO QUESTIONS

QUESTION 2

- (a) With the help of examples, describe the Land Suitability Classification (LSC) Structure. (15 marks)
 - (b) Identify and explain the crucial factors considered in Land Suitability Classification. (15 marks)
- (30 marks)**

QUESTION 3

Identify and explain the key elements of land tenure systems which provide incentives for production and conservation in the use of land. (30 marks)

QUESTION 4

- (a) Identify and explain the differences in the physical appearance of areas under Swazi Nation Land (SNL) tenure system and those under the Freehold Title Deed (FTD) system. (15 marks)
 - (b) Account for the environmental degradation on SNL areas. (15 marks)
- (30 marks)**

QUESTION 5

- (a) Explain the following concepts and circumstances under which they are applied:
 - (i) Permitted uses
 - (ii) Proscribed uses
 - (iii) Prescribed uses
 - (iv) Preferred uses

(16 marks @ 4 marks each)
 - (b) Explain how planners ensure adherence to recommended land uses in the event that they do not own or control the land and other means of production. (14 marks)
- (30 marks)**