

UNIVERSITY OF SWAZILAND
FINAL EXAMINATION: MAY 2009
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 28) 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 8 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 with the 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

- (a) Explain the significance of land tenure in land use planning. (10 marks)
- (b) Discuss the key elements of land tenure systems that provide incentives for production and conservation in the use of land. (20 marks)
(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 problems in the SNL areas of Swaziland. (15 marks)
(30 marks)

QUESTION 5

Outline the land use planning process in Swaziland and discuss its strengths and weaknesses. (30 marks)