

**UNIVERSITY OF SWAZILAND**  
**DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND**  
**PLANNING**  
**FINAL EXAMINATION, MAY 2012**  
**BASS**

**TITLE OF PAPER: LAND USE PLANNING**

**COURSE NUMBER: GEP 415**

**TIME ALLOWED: THREE (3) HOURS**

**INSTRUCTIONS:**

- 1. ANSWER THREE QUESTIONS**
- 2. QUESTION 1 IS COMPULSORY**
- 3. ILLUSTRATE YOUR ANSWERS WITH EXAMPLES AND CLEARLY DRAWN DIAGRAMS WHERE APPROPRIATE**

**ALLOCATION OF MARKS: QUESTION 1 (COMPULSORY) CARRIES 40 MARKS WHILE THE REST CARRY 30 MARKS EACH**

**THIS PAPER SHOULD NOT BE OPENED UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR**

**GEP 415: LAND USE PLANNING – MAY 2012**

**SECTION A: COMPULSORY**

**Question 1**

‘Von Thunen’s Agricultural Land Use Theory contributed immensely to the theoretical aspects of land use planning, and many land use plans exhibit vivid influences of the theory.’

- a) Analyse the von Thunen’s model of agricultural land use, highlighting its key elements and principles. (20 marks)
  - b) Using a sketch diagram, explain how you would apply the model in the planning of a new rural settlement on Swazi Nation Land. (20 marks)
- [40 Marks]**

**SECTION B: ANSWER ANY TWO QUESTIONS**

**Question 2**

- a) Describe the land evaluation procedure by the FAO (1976) Framework for Land Evaluation. (15 marks)
  - b) Using examples, describe the structure of the Land Suitability Classification (LSC). (15 marks)
- [30 Marks]**

**Question 3**

Describe the nature of land policies and explain the various sources of land policies in Swaziland. **[30 Marks]**

**Question 4**

- a) Explain the significance of land tenure in land use planning. (15 marks)
  - b) Discuss the key elements of land tenure systems, highlighting their influence on land users’ attitudes towards land management. (15 marks)
- [30 Marks]**

**Question 5**

Critically discuss the various land management practices commonly implemented by subsistence farmers on Swazi Nation Land. **[30 Marks]**