

UNIVERSITY OF SWAZILAND
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING
FINAL EXAMINATION: MAY 2017
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 IN SECTION A IS COMPULSORY AND ANSWER TWO QUESTIONS IN SECTION B
3. ILLUSTRATE YOUR ANSWERS WITH EXAMPLES AND LARGE CLEARLY DRAWN DIAGRAMS WHERE APPROPRIATE.

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.

GEP 415: LAND USE PLANNING - MAY 2017

**SECTION A
COMPULSORY**

QUESTION 1

'von Thunen's Agricultural Land Use Theory contributed immensely in the theoretical aspects of land use planning and many land use plans exhibit vivid influences of the theory'

- (a) Analyze the von Thunen's model of agricultural land use highlighting its key elements and principles. (15 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. (25 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

- (a) Explain the significance of land tenure in land use planning. (10 marks)
 - (b) Discuss the key elements of land tenure systems highlighting their influence on land users' attitudes towards land management. (20 marks)
- (30 Marks)**

QUESTION 4

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

QUESTION 5

Discuss the various planning levels in an integrated land use planning process and highlight the different planning activities taking place in each and every level. (30 Marks)