

UNIVERSITY OF ESWATINI
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING
MAIN EXAMINATION: MAY/JUNE 2019
BASS IV

TITLE OF PAPER : LAND USE PLANNING

COURSE NUMBER : GEP418/GEP 415

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS :

1. ANSWER THREE (3) QUESTIONS
2. QUESTION ONE IN SECTION A IS COMPULSORY
3. 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.

GEP418/GEP 415: LAND USE PLANNING – MAY/JUNE 2019**SECTION A
COMPULSORY****QUESTION 1**

von Thünen'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) Outline the von Thünen'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 Swati 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 Eswatini and highlight its strengths and weaken
(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)**