

UNIVERSITY OF SWAZILAND

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING

FINAL EXAMINATION PAPER: MAY 2008
BSc. 4

TITLE OF PAPER : **RESOURCE MANAGEMENT**

COURSE CODE : **GEP 434**

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

INSTRUCTIONS : **ANSWER TWO QUESTIONS FROM EACH SECTION**
ILLUSTRATE YOUR ANSWERS WITH APPROPRIATE DIAGRAMS AND EXAMPLES

MARKS ALLOCATION : **QUESTIONS CARRY EQUAL MARKS (25 MARKS EACH)**

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR

SECTION A: ANSWER ANY TWO QUESTIONS

Question 1.

Discuss the four main kinds of suitability classification recognised by the FAO Framework. (25 marks)

(25 marks)

Question 2.

Discuss how economic and social impact analysis of a development project can be undertaken, specifying the levels of intensity and information needed to undertake such analysis.

(25 marks)

Question 3.

(a) Using examples to illustrate your points briefly describe quantitative and qualitative land classifications, indicating conditions under which each is appropriate. (15 marks)

(b) Briefly describe how a composite image can be prepared to emphasise a water body on a satellite image (10 marks).

(25 marks)

SECTION B: ANSWER ANY TWO QUESTIONS

Question 4

"The Environmental Impact Assessment process is a tool that is used to ensure that economic activities do not unnecessarily degrade the environment". Public participation underpins the strength of this process in Swaziland. Discuss.

(25 marks)

Question 5

Discuss the main sources of air and water pollution in Swaziland and how the problem can be solved. (25 marks)

(25 marks)

Question 6

Discuss the environmental policy of Swaziland highlighting areas of success and areas where improvements need to be made. (25 marks)

(25 marks)

UNIVERSITY OF SWAZILAND

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND PLANNING

FINAL EXAMINATION PAPER DECEMBER 2007

B.A.S.S

TITLE : URBAN SYSTEMS AND REGIONAL PLANNING
COURSE NUMBER : GEP 435
TIME ALLOWED : THREE (3) HOURS
INSTRUCTIONS :
1. ANSWER THREE (3) QUESTIONS
2. QUESTION 1 IS COMPULSORY
3. CHOOSE TWO (2) OTHER QUESTIONS
FROM SECTION B.
4. WHERE APPROPRIATE, ILLUSTRATE
YOUR ANSWERS BY EXAMPLES.

MARK ALLOCATION : QUESTION ONE (1) CARRIES FORTY (40) MARKS AND THE
OTHER QUESTIONS ARE THIRTY (30) MARKS EACH.

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

SECTION A: COMPULSORY SECTION

QUESTION 1

Discuss the applicability of Ebenezer Howard's Garden City theory in modern urban and regional planning.

(40 marks)

SECTION B : ANSWER ANY TWO (2) QUESTIONS

QUESTION 2

Critically discuss how the outdated planning legislation impacts on urban and regional planning in Swaziland.

(30 marks)

QUESTION 3

Discuss the rationale for urban and regional planning in the developing countries.

(30 marks)

QUESTION 4

Discuss the role played by Non-Governmental Organizations in rural development in Swaziland.

(30 marks)

QUESTION 5

Section 219 of the Constitution of Swaziland provides for the division of the country into as many local government areas as the Elections and Boundaries Commission may from time to time recommend including redrawing the *Tinkhundla* boundaries as may be necessary. Discuss the possible challenges associated with redrawing *Tinkhundla* boundaries and having them as planning areas.

(30 marks)