

UNIVERSITY OF SWAZILAND

**DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND
PLANNING**

FINAL EXAMINATION (2011/2012)

TITLE OF PAPER : **RESOURCE MANAGEMENT**

COURSE NUMBER : **GEP 434**

TIME ALLOWED : **3 hours**

INSTRUCTIONS : **SECTION A IS COMPULSORY
ANSWER ANY TWO QUESTIONS
FROM SECTION B
ILLUSTRATE YOUR ANSWERS WITH
APPROPRIATE DIAGRAMS**

MARKS ALLOCATED : **QUESTION 1 CARRIES 40 MARKS
THE OTHER QUESTIONS CARRY
30 MARKS EACH**

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

SECTION A: COMPULSORY QUESTION

QUESTION 1:

Explain which physical resources of Swaziland may in future contribute to a higher revenue income, and how to develop a sustainable management plan for these.

[40 Marks]

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION 2:

Discuss why workers in the mining industry are frequently exposed to HIV and AIDS infections, and which efforts should be undertaken by the community, mining companies, and NGO's to reduce these extremely high rates.

[30 Marks]

QUESTION 3:

Discuss how the establishment of national parks and game reserves may contribute to sustainable land use.

[30 Marks]

QUESTION 4:

Describe the occurrence and economic significance of coltan ore in Africa, and discuss how its exploitation has led to political turmoil in the central African region.

[30 Marks]

QUESTION 5:

'Deforestation is a major environmental threat in most developing countries'. Discuss its extent in Africa, and which efforts should be undertaken to reduce it.

[30 Marks]