UNIVERSITY OF SWAZILAND

DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SIENCE AND PLANNING

MAIN EXAMINATION: DECEMBER, 2014

TITLE OF PAPER   :   RESOURCE MANAGEMENT

COURSE NUMBER   :   GEP 434

TIME ALLOWED   :   THREE (3) HOURS

INSTRUCTIONS   :   SECTION A IS COMPULSORY

ANSWER 2 QUESTIONS FROM SECTION B
ILLUSTRATE YOUR ANSWERS WITH
APPROPRIATE DIAGRAMS WHERE NECESSARY

MARKS ALLOCATED   :   QUESTION ONE CARRIES 40 MARKS, AND THE
OTHER QUESTIONS CARRY 30 MARKS EACH

TOTAL MARKS: 100

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

SECTION A: COMPUSORY QUESTION

QUESTION 1

a) Discuss strategies undertaken to address the extent of deforestation in developing countries.

(10 marks)

b) Compare and contrast the effectiveness of strategies for managing deforestations in developing countries of:

(i) South America

(10 marks)

(ii) South-east Asia

(10 marks)

(iii) Africa

(10 marks)

(40 MARKS)

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION 2:

‚Currently the mining industry contributes only about 2 % to the national GDP of Swaziland.‘ Discuss if there are potential additional mineral resources that are worth to be exploited in future, and which additional infrastructural efforts are then needed.

(30 MARKS)

QUESTION 3:

a) Discuss the reasons for the high HIV/AIDS infection rates among workers of the mining industry in southern Africa.

(15 marks)

b) Discuss the possible measures that communities, mining companies and NGOs should consider in order to reduce high HIV/AIDS infection among mine workers in southern Africa.

(15 marks)

(30 MARKS)

QUESTION 4:

Using examples discuss the state of art of the so-called 6th extinction and compare it with other events of mass extinctions during the history of Earth.

(30 MARKS)

QUESTION 5:

Using examples from Swaziland explain how National Parks and Game Reserves are integrated into a land evaluation scheme.

(30 MARKS)