

UNIVERSITY OF SWAZILAND

FINAL EXAMINATION: MAY 2006
MSc.

TITLE OF PAPER : **CLIMATE CHANGE AND ENVIRONMENT**

COURSE NUMBER : **ERM 621**

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

INSTRUCTIONS :
ANSWER ANY TWO QUESTIONS
ILLUSTRATE YOUR ANSWERS WITH
APPROPRIATE DIAGRAMS

MARKS ALLOCATED : **ALL QUESTIONS CARRY EQUAL MARKS**

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

ANSWER ANY TWO QUESTIONS

QUESTION 1

Climate will always change due to the natural forcing. However, the major potential mechanism of climate changes over the next few hundred years will be anthropogenic activities. Discuss the validity of this statement. **(50 marks)**

QUESTION 2

'Climate change will affect all sectors of the human endeavor'. Discuss **(50 marks)**

QUESTION 3

Discuss the effectiveness of the Kyoto Protocol. **(50 marks)**

QUESTION 4

Discuss briefly one of the major obligations of each country to the United Nations Framework Convention on Climate Change. **(50 marks)**