

UNIVERSITY OF SWAZILAND
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE &
PLANNING

MAIN EXAMINATION PAPER MAY 2011

B.A. & BED.

TITLE OF PAPER : ENVIRONMENT AND DEVELOPMENT

COURSE TITLE : GEP 431

TIME ALLOWED : THREE HOURS

INSTRUCTIONS : SECTION A IS COMPULSORY.
ANSWER ANY TWO (2) QUESTIONS FROM
SECTION B.
WHERE APPROPRIATE ILLUSTRATE YOUR
ANSWER WITH DIAGRAMS.

MARK ALLOCATION : QUESTION ONE (1) CARRIES 40 MARKS
THE REST OF THE QUESTIONS CARRY 30
MARKS.

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

GEP 431 ENVIRONMENT AND DEVELOPMENT

SECTION A: COMPULSORY QUESTION (40 MARKS)

QUESTION 1

‘Societies in Africa have been adversely affected by reduction in crop yields, decreased water availability, greater exposure to vector and water-borne diseases and increased flooding.’ Discuss the validity of this statement. **[40 MARKS]**

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION 2

- (a) Explain how the Human Development Index is calculated. (15 marks)
(b) Discuss the most appropriate ways of measuring development in Southern Africa. (15 marks)
[30 MARKS]

QUESTION 3

By reference to a country of your choice in the Southern African region, discuss its state of environment, with reference to the resource base, environmental issues and problems. **[30 MARKS]**

QUESTION 4

By reference to Southern Africa:

- (a) Outline the poverty-environment relationships. (10 marks)
(b) Discuss the link between environment and the Millennium Development Goals. (20 marks)
[30 MARKS]

QUESTION 5

Using examples, discuss the threats to Africa’s biodiversity. **[30 MARKS]**