

UNIVERSITY OF SWAZILAND
INSTITUTE OF DISTANCE EDUCATION
SEMESTER I EXAMINATIONS PAPER, DECEMBER 2015

TITLE OF PAPER : ENVIRONMENTAL EDUCATION I

COURSE NUMBER : IDE-BAE421

STUDENTS : B.ED. (ADULT EDUCATION) IV

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS:

- 1. ANSWER ANY FOUR (4) QUESTIONS IN ALL.**
- 2. EACH QUESTION CARRIES 25 MARKS.**

SPECIAL REQUIREMENT: NONE

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

QUESTION 1

- (a) Define the term 'environment'. (4 marks)
- (b) Describe how each of the following components of the environment mean:
- (i) Physical/abiotic component (7 marks)
 - (ii) Sociocultural/economic component (7 marks)
 - (iii) Biological/biotic component (7 marks)
- Total [25 marks]**

QUESTION 2

An ecosystem is defined as a natural unit of plants, animals and micro-organisms in an area functioning together with all the non-living physical factors of the environment.

Differentiate, with illustrative examples, between terrestrial and aquatic ecosystems [25 marks]

QUESTION 3

Like many developing countries, Swaziland is experiencing environmental conflicts. Discuss the nature of these conflicts and how they can be resolved [25 marks]

QUESTION 4

Migration, immigration and emigration are some of the factors that influence population dynamics.

Define what each of the factors means and the influence on population dynamics [25 marks]

QUESTION 5

Define each of the following terms in the context of population:

- (a) Death (5 marks)
- (b) Density (5 marks)
- (c) Child mortality (5 marks)
- (d) Population growth rate (5 marks)
- (e) Crude birth rate (5 marks)

Total [25 Marks]

QUESTION 6

What is meant by environmental degradation? (5 marks)

Why did efforts to control environmental degradation in Swaziland fail during the colonial days? (20 marks)

Total [25 marks]