

UNIVERSITY OF SWAZILAND

INSTITUTE OF DISTANCE EDUCATION

B. ED (ADULT EDUCATION) YEAR IV

FINAL EXAMINATION, DECEMBER 2016

COURSE NAME : ENVIRONMENTAL EDUCATION I

COURSE CODE: IDE-BAE 421

COURSE WEIGHT: 100 MARKS

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS: ANSWER FOUR (4) QUESTIONS IN ALL

EACH QUESTION CARRIES 25 MARKS.

**THIS PAPER IS NOT TO BE OPENED UNTIL THE INVIGILATOR HAS GRANTED
PERMISSION TO DO SO**

Question 1

- (a) 'Environmental education is a central theme in adult education'. Discuss the basics of this statement [15 marks]
- (b) 'Technological progress is still considered a positive factor in economic development, even though it has many negative consequences for the natural environment'. Using examples from Swaziland, discuss the validity of this statement [10 marks]
- [25 marks]

Question 2

- (a) The environment is understood and presented according to four (4) thematic domains. With the aid of a diagram, identify these domains and explain how they are interrelated [10 marks]
- (b) Outline the goals commonly expressed by environmentalists in protecting the natural environment [5 marks]
- (c) Describe the physical or abiotic components of the environment [5marks]
- (d) Describe the main characteristics of the earth [5 marks]
- [25 marks]

Question 3

- (a) Based on your knowledge of Swaziland, describe the biological/biotic components of its environment, outlining challenges experience [10 marks]
- (b) Discuss the interaction between socio-cultural and economic components of the environment [15]
- [25 marks]

Question 4

'Degradation of the resource base and particularly of agricultural land through soil erosion is the fundamental constraint to sustainable development'. Using examples from Swaziland, discuss this statement [25 marks]

Question 5

- (a) Explain how an ecological crisis may occur [10 marks]
- (b) Using examples, explain how ecological crises may vary in length and severity [15 marks]
- [25 marks]

Question 6

- (a) Discuss the factors affecting birth rates [15 marks]
- (b) Explain how education controls births [10 marks]
- [25 marks]