

UNIVERSITY OF SWAZILAND

INSTITUTE OF DISTANCE EDUCATION

B. ED (ADULT EDUCATION) YEAR IV

FINAL EXAMINATION, NOVEMBER 2013

TITLE OF PAPER: ENVIRONMENTAL EDUCATION I

COURSE CODE: IDE-BAE 421

TIME ALLOWED: THREE (3) HOURS

INSTRUCTIONS: 1. ANSWER FOUR QUESTIONS IN ALL

2. EACH QUESTION CARRIES 25 MARKS

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

QUESTION ONE

Discuss the concept of ecosystems under the following subheadings:

- (a) Terrestrial ecosystem (12 marks)
- (b) Aquatic ecosystem (13 marks)

QUESTION TWO

- (a) What is meant by 'environmental policy'? (5 marks)
- (b) Discuss any four environmental related policies in Swaziland and how they contribute towards environmental management. (4x5 marks).

QUESTION THREE

Define the following concepts as they apply to population:

- (a) Population limit (5 marks)
- (b) Population dynamics (5 marks)
- (c) Aging population (5 marks)
- (d) Birth rate (5 marks)
- (e) Mortality (5 marks)

QUESTION FOUR

Discuss how education contributes towards population control in Swaziland. (25 marks)

QUESTION FIVE

The three Rs (recycle, reduce, reuse) are important concepts in environment management. Discuss the meaning of each of these Rs and how they can be used for effective environmental management in Swaziland. (25 marks)

QUESTION 6

Briefly discuss the Malthusian theory of population growth, mentioning the importance of carrying capacity with respect to population. (25 marks)