



UNIVERSITY OF SWAZILAND  
Faculty of Health Sciences  
Department of Environmental Health Science

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE  
SUPPLEMENTARY EXAMINATION PAPER JULY 2018

TITLE OF PAPER : ENVIRONMENTAL MANAGEMENT  
COURSE CODE : EHS 336  
DURATION : 2 HOURS  
MARKS : 100

INSTRUCTIONS :

- : READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
- : ANSWER **ANY FOUR** QUESTIONS.
- : EACH QUESTION **CARRIES 25** MARKS.
- : WRITE NEATLY & CLEARLY
- : NO PAPER SHOULD BE BROUGHT INTO THE EXAMINATION ROOM
- : BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

**DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.**

**QUESTION ONE**

As an environmental manager, discuss the following concepts:

- a. Limits to development. (12 marks).
- b. Sustainable development. (13 marks).

**TOTAL 25 MARKS**

**QUESTION TWO**

- a. Draw a flow diagram of the major decision-making steps in a typical environmental management process. (11 marks).
- b. Discuss the reasons for adopting environmental management. (14 marks).

**TOTAL 25 MARKS**

**QUESTION THREE**

Describe how the following two principles can be applied in environmental management.

- a. The 'polluter-pays' principle. (12 marks).
- b. The precautionary principle. (13 marks).

**TOTAL 25 MARKS**

**QUESTION FOUR**

- a. Discuss the duties of an environmental manager. (12 marks).
- b. Describe the opportunities that an environmental manager can utilize in environmental management. (13 marks).

**TOTAL 25 MARKS**

**QUESTION FIVE**

Congratulations! The Swaziland Railways has appointed you to be in charge of environmental management. In details describe the environmental management approaches that you would employ in executing your duty.

**TOTAL 25 MARKS**