



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE

MAIN EXAMINATION PAPER MAY 2017

TITLE OF PAPER : ENVIRONMENTAL MANAGEMENT

COURSE CODE : EHM306

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 how environmental management can support sustainable development. **(14 marks).**

TOTAL 25 MARKS

QUESTION THREE

Explain how the following 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 problems faced in environmental management. **(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 Telecommunications Company has appointed you to be in charge of environmental management. In details, describe how you will carry out your duty of environmental management.

TOTAL 25 MARKS