



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE,
FINAL EXAMINATION PAPER 2016

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

- a. Define environmental management. **(5 marks).**
- b. Draw a typical scheme of practice adopted for environmental management. **(9 marks).**

- c. Describe the evolution of environmental management. **(11 marks).**

TOTAL 25 MARKS

QUESTION TWO

- a. In detail explain the motivation for environmental management. **(10 marks).**
- b. Sustainability and sustainable development are **NOT** the same! Discuss this statement. **(8 marks).**
- c. Since the mid-1980s new branches have appeared on the evolutionary tree of environmental management. What are these branches? **(7 marks).**

TOTAL 25 MARKS

QUESTION THREE

- a. Discuss the approaches that environmental managers need to adopt in order to modify the activities and ethics of individuals, groups and societies to achieve the goals of environmental management. **(12 marks).**
- b. Environmental management is quite often faced with 'real-world' challenges. What are these challenges? **(8 marks).**
- c. Environmental management seeks to improve environmental stewardship by integrating certain important disciplines. List these disciplines? **(5 marks).**

TOTAL 25 MARKS

QUESTION FOUR

- a. What are the goals of environmental management? **(14 marks).**
- b. It is argued that environmental managers may not achieve their objectives, might be criticized (even sued), fall into disrepute with those who employ them, and lose public trust. Therefore, like many other professionals, environmental managers tend to follow risk-aversion strategies. Discuss these strategies. **(11 marks).**

TOTAL 25 MARKS

QUESTION FIVE

Congratulations! The Royal Swaziland Sugar Corporation (RSSC) has appointed you to be in charge of environmental management at the Simunye Sugar Factory. In detail describe the environmental management approaches that you would employ in your duty.

TOTAL 25 MARKS