



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCE

**SUPPLEMENTARY EXAMINATION PAPER JULY 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**

- a. Define environmental management. (5 marks)
- b. Draw a typical scheme of practice adopted for environmental management. (9 marks)
- c. Discuss the evolution of environmental management. (11 marks)

**TOTAL 25 MARKS**

**QUESTION TWO**

- a. Explain in detail the motivation for environmental management. (10 marks)
- b. Sustainability and sustainable development are NOT the same! Differentiate between these two terms. (8 marks)
- c. Since the mid-1980s new branches have appeared on the evolutionary tree of environmental management. List seven of 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 some of these challenges? (8 marks).
- c. Environmental management seeks to improve environmental stewardship by integrating certain important disciplines. List five of 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 how you would carry out your duty of environmental management.

**TOTAL 25 MARKS**