



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

DEGREE IN ENVIRONMENTAL HEALTH SCIENCES  
MAIN EXAMINATION PAPER MAY 2018

TITLE OF PAPER	:	ENVIRONMENTAL MANAGEMENT
COURSE CODE	:	EHS336/EHM306
DURATION	:	2 HOURS
MARKS	:	100
INSTRUCTIONS	:	READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
	:	ANSWER <u>ANY FOUR</u> QUESTIONS
	:	EACH QUESTION <u>CARRIES 25</u> 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. Describe the evolution of environmental management. (20 marks).

**TOTAL 25 MARKS**

**QUESTION TWO**

- a. Explain how environmental management can support sustainable development. (10 marks).
- b. Discuss the **three** key strategic elements required to ensure that the development process will result in a sustainable development. (15 marks).

**TOTAL 25 MARKS**

**QUESTION THREE**

- a. Since the mid-1980s new branches have appeared on the evolutionary tree of environmental management. List seven of these branches? (7 marks).
- b. The range of tools and approaches for the measurement, management and promotion of sustainable development are growing. List and briefly discuss any six these approaches. (18 marks).

**TOTAL 25 MARKS**

**QUESTION FOUR**

- a. What is the **precautionary principle**? (4 marks).
- b. Explain what the polluter pays principle seeks to achieve in environmental management. (4 marks)
- c. The precautionary principle is centred on four central components. List these components. (7 marks)

- d. Explain why the precautionary principle is widely criticised in environmental management? (10 marks)

**TOTAL 25 MARKS**

**QUESTION FIVE**

- a. List five goals of an environmental management? (5 marks).
- b. Congratulations! The Peak Timber Factory in Pigg's Peak has appointed you to be in charge of environmental management at the Factory. In flow chart diagram, present the decision making steps that you are going to take in this daunting task environmental management process. (20 marks).

**TOTAL 25 MARKS**