

# **UNIVERSITY OF SWAZILAND**

**Faculty of Health Sciences**

**(BSC) IN ENVIRONMENTAL HEALTH**

**SECOND SEMESTER SUPPLEMENTARY EXAMINATION PAPER MAY 2015**

**TITLE OF PAPER :** ENVIRONMENTAL MANAGEMENT

**COURSE CODE :** EHM 306

**DURATION :** TWO HOURS

**MARKS :** 100

**INSTRUCTIONS :** ANSWER ONLY FOUR QUESTIONS

**:** EACH QUESTION CARRIES 25 MARKS

**:** 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) List any five characteristics of environmental management. (10 marks)
- b) In the year 1987 effective environmental management was established. The shift to serious environmental concern has probably been prompted by complex causes. Name the causes. (5 marks)
- c) How can environmental management support sustainable development? (5 marks)
- d) Define sustainable development (5 marks)

**(25 MARKS)**

### QUESTION TWO

- a) Discuss the precautionary principle (15 marks)
- b) Discuss the environmental management components which can be included by environmental managers in their preventative planning (10 marks)

**(25 MARKS)**

### QUESTION THREE

- a) Explain how political ecology approach to environmental management is aligned to environmental management. (10 marks)
- b) Define Political economy approach to environmental management (5 marks)
- c) Environmental Management is a process concerned with human-environment interactions, and seeks to identify, what is environmentally desirable and the most feasible options. Environmental Management displays some characteristics. State the Environmental Management characteristics. (10 marks)

**(25 MARKS)**

### QUESTION FOUR

- (a) There is no such thing as a single 'best approach'; each situation has unique demands. Comment on this. Critically discuss whether this statement is correct or not. (15 marks)
- (b) Explain the environmental terms in details,
  - a. Sustainable development (5 marks)
  - b. environmental management (5 marks)

**(25 MARKS)**

**QUESTION FIVE**

It can be very useful to conduct a stakeholder analysis before undertaking a project or programme to help establish who is involved and how Environmental Management can harness support and reduce opposition. Critically analyse each participant in environmental management.

**25 MARKS**