

UNIVERSITY OF SWAZILAND
Faculty of Health Sciences

B.SC. IN ENVIRONMENTAL HEALTH

FIRST SEMESTER FINAL EXAMINATION PAPER DECEMBER 2015

TITLE OF PAPER : ENVIRONMENTAL POLLUTION
COURSE CODE : EHS 550
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. Define the following terms:
- Pollution. (2 marks).
 - Point source. (2 marks).
 - Non-point source. (2 marks).
 - Cultural eutrophication. (2 marks).
- B. Describe how you would use economic measure in dealing with environmental pollution at the Matsapha industrial setting. (17 marks).

TOTAL 25 MARKS

QUESTION TWO

Describe **water pollution** under the following themes

- Types of water pollution. (5 marks).
- Sources of water pollution. (5 marks).
- Effects on human health. (10 marks).
- Control of water pollution. (5 marks).

TOTAL 25 MARKS

QUESTION THREE

Discuss **air pollution** under the following themes

- Sources of air pollution. (5 marks).
- Effects of air pollution on human health. (10 marks).
- Effects of air pollution on vegetation. (5 marks).
- Control of air pollution. (5 marks).

TOTAL 25 MARKS

QUESTION FOUR

Discuss **noise pollution** under the following themes

- a. Types of noise pollution. (2 marks).
- b. Sources of noise pollution. (5 marks).
- c. Adverse effects of noise pollution on human health. (10 marks).
- d. Control of noise pollution. (8 marks).

TOTAL 25 MARKS

QUESTION FIVE

Discuss **thermal pollution** under the following themes

- a. Sources of thermal pollution. (6 marks).
- b. Effects of thermal pollution on the environment. (14 marks).
- c. Control of thermal pollution. (5 marks).

TOTAL 25 MARKS