

UNIVERSITY OF SWAZILAND

Faculty of Health Sciences

(BSC) IN ENVIRONMENTAL HEALTH

SECOND SEMESTER FINAL EXAMINATION PAPER MAY 2012

TITLE OF PAPER : ENVIRONMENTAL IMPACT ASSESSMENT

COURSE CODE : EHS 403

DURATION : TWO HOURS

MARKS : 100

INSTRUCTIONS : ANSWER ONLY FOUR QUESTIONS

: EACH QUESTION CARRIES 25 MARKS

**: NO QUESTION 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

1. Define the term environment and explain why it is important to broadly define this term in the context of a planned development project when conducting an environmental impact assessment. (12 marks)
2. Discuss the benefits derived from the environment (13 marks)

TOTAL 25 MARKS

QUESTION TWO

Explain the environmental problems that lead to World bodies demanding that every development project must undergo an environmental impact assessment under the following themes:

1. Major causes of the problems (10 marks)
2. Major problems (15 marks)

TOTAL 25 MARKS

QUESTION THREE

1. Describe the three pillars of sustainable development (6 marks)
2. You have been appointed as an environmental impact assessment process as a public participation facilitator. Describe what your role is and explain how you are going to carry out your duty. (19 marks)

TOTAL 25 MARKS

QUESTION FOUR

You have been appointed as a consultant to conduct an environmental audit of a landfill that is operating at Matsapha. Describe how you are going to approach this daunting task. (25 marks)

TOTAL 25 MARKS

QUESTION FIVE

Name the key players in an environmental impact assessment project and discuss the roles of any two of these players

TOTAL 25 MARKS