

UNIVERSITY OF SWAZILAND

Faculty of Health Sciences

(BSC) IN ENVIRONMENTAL HEALTH

FINAL EXAMINATION PAPER 2005

TITLE OF PAPER: ENVIRONMENTAL IMPACT ASSESSMENT
COURSE CODE : EHS 403

DURATION : TWO HOURS

MARKS : 100

INSTRUCTIONS : ANSWER ONLY FOUR QUESTIONS.

: QUESTIONS ONE AND TWO ARE COMPULSARY.

: EACH QUESTION CARRY 25 MARKS.

: NO QUESTION PAPER SHOULD BE BROUGHT INTO NOR
OUT OF 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:

Public hearing is one of the ways of dealing with conflicts surrounding environmental decision making. Write an essay on “public hearing for environmental impact assessments” highlighting their benefits and demerits and indicating with supportive reasons whether they really work or not.

TOTAL 25 MARKS.

QUESTION TWO:

Briefly describe the procedures and methods that you would follow when you are the team leader in an environmental auditing operation for the Matsapha tip site which is closing down (decommissioning in May 2005).

TOTAL 25 MARKS.

QUESTION THREE:

Discuss the five problems surrounding the development of alternatives in carrying out an Environmental Impact Assessment (EIA) process listed below. (5 marks each)

1. Narrow definition of the problem (purpose and need) dictates and constricts possible solutions (alternatives)
2. The “problem” can be constructed to justify the “solution”.
3. Alternatives are subject to agency agendas and agency autonomy.
4. Alternatives are also subject to stock solutions and problem framing.
5. Other alternatives may be intentionally made less attractive.

TOTAL 25 MARKS.

QUESTION FOUR:

Congratulations! You have been appointed to head a consultancy company in carrying out an environmental impact assessment study for the new international airport to be constructed at Mpaka. Explain how you are going to manage this daunting EIA process.

TOTAL 25 MARKS.

QUESTION FIVE:

Explain how you would carry out an environmental impact assessment using the overlays and maps method.

TOTAL 25 MARKS.

GOOD LUCK!!!!