

UNIVERSITY OF SWAZILAND
DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND
PLANNING

FINAL EXAMINATION PAPER – DECEMBER, 2017

BASS IV

TITTLE : SOCIAL IMPACT ANALYSIS

COURSE NUMBER: GEP 426

TIME ALLOWED : THREE (3) HOURS

INSTRUCTIONS : 1. ANSWER THREE (3) QUESTIONS.

2. QUESTION ONE (1) IS COMPULSORY.

3. CHOOSE TWO (2) OTHER QUESTIONS FROM SECTION B.

4. WHERE APPROPRIATE ILLUSTRATE YOUR ANSWER WITH
EXAMPLES.

MARKS ALLOCATION: QUESTION ONE CARRIES FORTY (40) MARKS AND THE
OTHER QUESTIONS CARRY THIRTY (30) MARKS EACH

**THIS QUESTION PAPER SHOULD NOT BE OPENED UNTIL PERMISSION HAS
BEEN GRANTED BY THE INVIGILATOR**

GEP 426: SOCIAL IMPACT ANALYSIS – DECEMBER, 2017

SECTION A: COMPULSORY QUESTION

QUESTION 1

'The overall goal of the Lower Usuthu Smallholder Irrigation Project (LUSIP) is to reduce poverty and attain sustained improvement in the standard of living of the population through commercialization and intensification of agriculture'.

- a) Outline the indicators you would use to assess the socio-economic impacts of this project in the Siphofaneni community. (10 marks)
 - b) Indicate the types and sources of data to be collected and analysed in assessing the indicators identified in (a) above. (10 marks)
 - c) Discuss how you could measure and assess the indicators identified in (a) above. (20 marks)
- (40 Marks)**

SECTION B: ANSWER ANY TWO QUESTIONS

QUESTION 2

- a) 'In practice, the 1969 United States' National Environmental Policy Act (NEPA) model of impact assessment was ineffective'. Discuss the difficulties involved in the model which made it ineffective. (14 marks)
 - b) Explain the four (4) key areas which the methodology for impact assessment must deal with. (16 marks)
- (30 Marks)**

QUESTION 3

- a) Explain the aims of Administrative Policy Evaluation. (5 marks)
 - b) Discuss the important points to be considered in selecting evaluation and appraisal methods. (10 marks)
 - c) Explain evaluation methods that can be used in Social Impact Analysis. (15 marks)
- (30 Marks)**

QUESTION 4

- a) Discuss the principles and guidelines to be followed in Social Impact Assessment. (20 marks)
 - b) Discuss the steps to be followed in the Social Impact Assessment process. (10 marks)
- (30 Marks)**

QUESTION 5

- a) Using examples, explain how social indicators are used as:
 - i) Surrogates (5 marks)
 - ii) Measures (5 marks)
 - b) Explain situations whereby a statistic becomes a social indicator. (5 marks)
 - c) 'There is need to understand how social indicators are used in a political discourse'. Discuss this statement. (15 marks)
- (30 Marks)**