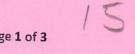
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UNIVERSITY OF ESWATINI FINAL EXAMINATION PAPER

PROGRAMME:

BSC ABE 4

BSC AGRON 4 BSC AG ED 4

COURSE CODE:

ABE407

TITLE OF PAPER: NATURAL RESOURCES MANAGEMENT

TIME ALLOWED: TWO (2) HOURS

SPECIAL MATERIAL REQUIRED: NONE

INSTRUCTIONS: ANSWER QUESTION ONE AND ANY TWO OTHER QUESTIONS.

DO NOT OPEN THIS PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE CHIEF INVIGILATOR

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SECTION A. COMPULSORY QUESTION

Question One

a. Explain the relevance of the following principles in conservation of natural resources;

		· Committee
1.	Precautionary principle	/5
ii.	Carrying capacity	/5
iii.	The law of conservation of matter	/5
iv.	The laws of energy	/10

The laws of energy /10 The competitive exclusion principle V. 15 30 marks

b. Explain using examples why understanding of an ecological system is relevant in natural resources conservation?

10 marks

(40 marks)

SECTION B. ANSWER ANY TWO QUESTIONS

Question Two

a. Give a concise discussion why economics is an integral part of natural resources management? 10 marks

b. Discuss the hydrologic, environmental and socio-economic importance of wetlands.

20 marks

(30 marks)

Question Three

a. Discuss the relevance of the following natural resources management.

:	Р.	The management.
1.	Environmental law	10 marks
ii.	Green taxes	
iii.	Controlled human population growth	10 marks
		10 marks

(30 marks)

Question Four

a. Discuss the importance of the following concepts as used in natural resources management;

i.	Opportunity cost	\10
ii.	Natural resources	\10
iii.	Conservation	\10

(30 marks)