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UNIVERSITY OF SWAZILAND
FACULTY OF AGRICULTURE

MAIN EXAMINATION

PROGRAMME: B.SC., CONSUMER SCIENCE EDUCATION &
CONSUMER SCIENCE

COURSE CODE: AEE412

TITLE OF PAPER: ISSUES IN SUSTAINABLE DEVELOPMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL QUESTIONS

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

QUESTION 1

- (a) Give the 1987 Brundtland definition of sustainable development [3marks]
 - (b) List the two key concepts that explain the applicability of the definition [2marks]
 - (c) What is the flaw of the definition? [3marks]
 - (d) List the three pillars of sustainability [6marks]
 - (e) What is the general goal of sustainability? [2marks]
 - (f) State the three issues of concern evolved at the interphase of the three pillars of sustainability due to negative activities of human being [4marks]
 - (g) List five possible consequences of these negative issues. [5marks]
- [25marks]**

QUESTION 2

- (a) List five ways through which the environment in which we live is destroyed by the social and economic activities of man. [5marks]
 - (b) Identify the four main gases that constituted the green gases released to the air as part of domestic, farm and industrial wastes of man. [8marks]
 - (c) What are the four consequences of the green gases in the atmosphere? [8marks]
 - (d) What constitute your own environment? [4marks]
- [25marks]**

QUESTION 3

- (a) Identify ten importance of sustainable development to the local, national and global village. [10marks]
 - (b) Explain the ten Principles of Sustainable development. [10marks]
 - (c) Fundamental Human Right include Freedom to five things of life. Mention that five things. [5 marks]
- [25marks]**

QUESTION 4

- 4. (a) Define the concept issues and challenges and explain the interrelationship between the two concepts. [5marks]
 - (b) Identify and briefly explain ten issues in Sustainable Development. [20marks]
- [25marks]**