



UNIVERSITY OF ESWATINI  
FACULTY OF AGRICULTURE

EXAMINATION

PROGRAMME: B.SC. AGRICULTURAL EXTENSION & B.SC.  
CONSUMER SCIENCE

COURSE CODE: AEE412

TITLE OF PAPER: ISSUES IN SUSTAINABLE DEVELOPMENT

TIME ALLOWED: TWO (2) HOURS

INSTRUCTION: ANSWER ALL QUESTIONS

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BY THE CHIEF INVIGILATOR*

**QUESTION 1**

- (a) Define the term Sustainability [3marks]  
 (b) Give the 1987 Brundtland definition of Sustainable Development [4marks]  
 (c) List the two key concepts that explain the applicability of the definition [4marks]  
 (d) What is the flaw of the definition? [4marks]  
 (e) List the three pillars of sustainability [6marks]  
 (f) State the four issues of concern evolved at the inter-phase of the three pillars of sustainability due to negative activities of human being. [4marks]
- [25marks]**

**QUESTION 2**

- (a) Identify and briefly describe five ways through which the environment we live is destroyed by the social and economic activities of man. [10marks]  
 (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) Describe three of the consequences of the green gases in the atmosphere. [3marks]
- (b) 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 expected to guide your plans for a Sustainable Development. [15marks]
- [25marks]**

**QUESTION 4**

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