

**UNIVERSITY OF SWAZILAND**

**DEPARTMENT OF GEOGRAPHY, ENVIRONMENTAL SCIENCE AND  
PLANNING**

**MAIN EXAMINATION DECEMBER 2017**

**TITLE OF PAPER : Resources Management**

**COURSE NUMBER : GEP 434**

**TIME ALLOWED : 3 hours**

**INSTRUCTIONS : 1) SECTION A IS COMPULSORY  
2) ANSWER ANY TWO QUESTIONS  
FROM SECTION B**

**ILLUSTRATE YOUR ANSWERS  
WITH APPROPRIATE DIAGRAMS**

**MARKS ALLOCATED : QUESTION 1 40 MARKS  
ALL OTHER QUESTIONS 30 MARKS  
(ANSWER ANY TWO)**

**THIS PAPER IS NOT TO BE OPENED UNTIL PERMISSION HAS BEEN GRANTED  
BY THE INVIGILATOR**

## **SECTION A: COMPULSORY QUESTION**

### **QUESTION 1**

'The management of natural resources in Swaziland is fundamental to sustainable development.' Critically discuss this statement in the context of renewable and non-renewable resources. **(40 Marks)**

## **SECTION B: ANSWER ANY TWO OF THE FOLLOWING QUESTIONS:**

### **QUESTION 2**

Discuss the provision and management of energy in Swaziland with particular reference to renewable and non-renewable energy sources. **(30 Marks)**

### **QUESTION 3**

Discuss the management of the water resources of Swaziland in relation to drought mitigation, distribution throughout the country and efficient resource utilization. **(30 Marks)**

### **QUESTION 4**

Discuss the management of the forest resources of Swaziland with reference to either natural or plantation forests in the context of resource management issues. **(30 Marks)**

### **QUESTION 5**

Discuss the range of organic material available, and the opportunities these present, in Swaziland within the context of resource management. **(30 Marks)**

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