

**NATIONAL UNIVERSITY OF LESOTHO**  
**FACULTY OF AGRICULTURE**  
**DEPARTMENT OF ANIMAL SCIENCE**  
**REM3502 – PASTURE & FODDER PRODUCTION**  
**FIRST SEMESTER FINAL EXAMINATION**

**Date: January 2024**

**Marks: 100**

**Time: 3hr**

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**INSTRUCTIONS AND INFORMATION**

1. ALL questions are compulsory.
2. Number the answers correctly according to the numbering system used in this question paper.
3. Pay attention to spelling and sentence construction.
4. Write neatly and legibly.
5. **Write Student Number, Group Name & Group Number.**

### **Question 1**

Build the linkage between forbs and grass species using the systems of pasture and fodder production.

**(10 marks)**

### **Question 2**

Identify potential pasture species for a farmer in Lesotho using forage characteristics and select the best performing one.

**(10 marks)**

### **Question 3**

Create interactive pasture species using processing tools to provide knowledge to the farmers of your village.

**(20 marks)**

### **Question 4**

Build a model to show which key procedures can be used by farmers to improve forage species in their pastures in Lesotho.

**(20 marks)**

### **Question 5**

Explore pasture management to generate a set of insights that will help farmers to improve pasture species in Lesotho.

**(20 marks)**

### **Question 6**

Build a model to demonstrate the stabilizers of processed forage and use this to enlighten farmers in your village.

**(20 marks)**