

NATIONAL UNIVERSITY OF LESOTHO
BSc & BA SUPPLEMENTARY EXAMINATIONS
PG 4421: LAND DEGRADATION & SUSTAINABLE LAND
MANAGEMENT

August 2023

Marks: 100

Time: 3 Hours

Instructions: answer ANY four (4) questions

Question 1

- (a) Explain ANY five different types of Land Degradation (10)
 - (b) Explain five different causes of land degradation (10)
 - (c) State any two (2) policies and three (3) legislations that are used to regulate land use in Lesotho (5)
- [25]**

Question 2

- (a) Write down short notes on the following rainwater management strategies
 - (i) Divert run-off (6)
 - (ii) Slow-down run-off (6)
 - (iii) Retain run-off (6)
 - (iv) Trap / Harvest run-off (5)
 - (b) State two major sources of water loss (2)
- [25]**

Question 3

- (a) Define conservation agriculture (3)
 - (b) State four areas mostly affected by land degradation (4)
 - (c) Discuss three fundamental principles of conservation agriculture (CA) (18)
- [25]**

Question 4

Discuss different SLM approaches leading to effective SLM implementation. **[25]**

Question 5

Identify any two SLM best practices of your choice and discuss how they can help in both Climate change mitigation and adaptation. **[25]**

Question 6

Discuss five different measures that can be used to facilitate implementation of sustainable land management (SLM) in Lesotho. **[25]**