

NATIONAL UNIVERSITY OF LESOTHO
DEPARTMENT OF ANIMAL SCIENCE
SECOND SEMESTER EXAMINATION 2022/23
REM 3504: WETLAND ECOLOGY AND MANAGEMENT

TIME: 3 HOURS

TOTAL MARKS: 100

DATE: MAY 2023

INSTRUCTION: ANSWER ALL QUESTIONS. Each Question Carries 20 Marks

START EACH QUESTION ON A NEW PAGE.

QUESTION1

Discuss why wetlands are said to be among the most valuable ecosystems on the planet (20)

QUESTION 2

Describe wetland classification based on vegetation (20)

QUESTION 3

“Wetlands are said to be extremely harsh environments for plant survival”. Describe how plants adapt and survive in these harsh conditions. (20)

QUESTION 4

Wetlands are degraded and lost due to overexploitation of harvestable resources, infrastructure, poor fire management and poor legislations.

(a) What are the possible consequences of wetland loss/ degradation in Lesotho? (20)

(b) Discuss the conservation strategies you would suggest, if you were to advise the government of Lesotho on how best to handle over-exploitation of harvestable resources, infrastructure, poor fire management and poor legislations? (20)