

UNIVERSITY OF SWAZILAND

MAIN EXAMINATION PAPER 2021

:

TITLE OF PAPER : BIODIVERSITY CONSERVATION

COURSE CODE : BIO609

TIME ALLOWED : THREE HOURS

INSTRUCTIONS :

1. ANSWER QUESTION 1 AND ANY OTHER TWO QUESTIONS
2. WHEREVER POSSIBLE ILLUSTRATE YOUR ANSWERS WITH LARGE CLEARLY LABELLED DIAGRAMS

SPECIAL REQUIREMENTS: NONE

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

QUESTION 1.

Swazi Nation Land in the Kingdom of Eswatini suffers the extinction of a large number of species. What are the causes of these extinctions? What ecological, legislative and social changes would you introduce to protect biodiversity on Swazi Nation Land. You may use your home village as an example. (40 Marks)

QUESTION 2.

Write a full discussion on the sustainable utilization of biodiversity. (30 Marks)

QUESTION 3.

What is meant by restoration ecology? Detail the approaches used to restore biological communities and ecosystems. (30 Marks)

QUESTION 4.

Write fully on the impact of overexploitation on the conservation of indigenous biodiversity. (30 Marks)