

UNIVERSITY OF ESWATINI

MAIN EXAMINATION PAPER 2018

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.

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 fully 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 and exotic species on the conservation of indigenous biodiversity. (30 Marks)