

UNIVERSITY OF ESWATINI

MAIN EXAMINATION PAPER 2018

TITLE OF PAPER : CONSERVATION BIOLOGY

COURSE CODE : BIO443

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.

What is meant by conservation biology? Write out a full discussion detailing what conservation biology entails and how it relates to other disciplines. (40 Marks)

QUESTION 2.

The rural communities in the Kingdom of Eswatini have a big role to play in the conservation of the country's biodiversity. Discuss in detail. (30 Marks)

QUESTION 3.

What characteristics of an organism are considered when its sustainable utilization is at stake? (30 Marks)

QUESTION 4.

List and discuss the categories of ecological information that are needed for effective population level conservation. (30 Marks)