

EGERTON

UNIVERSITY



UNIVERSITY EXAMINATIONS

REGULAR -NJORO CAMPUS

SECOND SEMESTER, 2021/2022 ACADEMIC YEAR

THIRD YEAR CAT FOR THE DEGREE OF BACHELOR OF SCIENCE IN

ECOTOURISM AND HOSPITALITY MANAGEMENT

NARE 352: ECOLOGICAL SURVEYS AND TECHNIQUES

STREAM: BSc TOHM (Y3S2)

TIME: 1 HR

DATE: 15TH MARCH

YEAR: 2022

INSTRUCTIONS:

- (i) Answer ALL questions
- (ii) Some formulae are provided at the end of the question paper
- (iii) Do not write on the question paper
- iv) Answer questions clearly and concisely.

Question One

Define the following terms as applied in ecological surveys:

- i). Sampling unit
- ii). Sampling frame
- iii). Precision
- iv). Replication
- v). Random sampling
- vi). Accuracy

Question Two

Explain why proper planning is imperative prior to embarking on an ecological survey.

(4 Marks)

Question Three

State and briefly describe four broad approaches of estimating wildlife population, giving a

suitable example in each case

(10 Marks)

Question Four

Outline the format of writing an ecological monitoring report

(10 Marks)
