KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS
2019/2020 ACADEMIC YEAR

SECOND YEAR SECOND SEMESTER
SPECIAL/SUPPLEMENTARY EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY AND BIORESOURCE MANAGEMENT

COURSE CODE: SZL 325

COURSE TITLE: FIELD ORNITHOLOGY AND MAMMALOGY

DATE: Wednesday 3rd February, 2021.   **TIME:** 2:00-4:00 p.m.

INSTRUCTIONS TO CANDIDATES

Answer Question one (1) and any other two (2) Questions. Question one is compulsory and carries 30 marks, the other Questions carry 20 marks each.

TIME: 2 Hours

This paper consists of 3 printed pages. Please Turn Over ▶

Q1 (a) Write short note on

   (i)   Vulture
   (ii) Wood peckers   5 marks

   (b) Briefly explain the theory of cursorial origin of flight   5 marks

   (c) Explain why birds are 'flying machines'   5 marks

   (d) Write short note on

   (i)   Pouched mammals
   (ii) Carnivorous mammals   5 marks

   (e) Distinguish between a Horse and an Ass   5 marks

   (f) State the advantages and disadvantages of using feeding signs for
   herbivores as a means of deterring the presence and absence of a population
                                                          5 marks

Q2 Discuss the economic importance of birds'   20 marks

Q3 Describe the methods employed in sampling and monitoring mammals'
                                                          20 marks

Q4 Compare and contrast orders Lemuroidea, Tarsioidea and Anthropoidea in
    class Mammalia   20 marks

Q5 Give an account of the evolution of flight birds   20 marks