



KIBABII UNIVERSITY

UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR SECOND YEAR SECOND SEMESTER SUPPLEMENTARY EXAMINATION

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIORESOURCES
MANAGEMENT AND CONSERVATION**

COURSE CODE: SBC 224

COURSE TITLE: STRUCTURE AND FUNCTION OF WILDLIFE HABITAT

DATE: 25/09/2017

TIME: 3:00 -5:00 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 2 printed pages. Please Turn Over

QUESTION ONE

- a. Briefly explain the following statements
 - i. Habitat is species specific (3marks)
 - ii. Habitat is scale dependant (3marks)
- b. Highlight the basic tenants of habitat management as developed by *Leopold (1933)* (4marks)
- c. Briefly explain four natural ordering habitat selection process as advocated by *Johnson 1980* (5marks)
- d. Identify habitat enhancement and assessment techniques used in bioresource. (5marks)
- e. State and explain factors involved in habitat selection (5marks)
- f. Identify effects of fire on wildlife habitat in Kenya (5marks)

QUESTION TWO

Discuss the causes of habitat degradation in Kenya (20 marks)

QUESTION THREE

Explain the influence of fire on wildlife population. (20marks)

QUESTION FOUR

Explain step involved in restoration plan for the damaged habitat (20marks)

QUESTION FIVE

Describe how human activities impact on wildlife habitat (20marks)