



(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2020/2021 ACADEMIC YEAR
FOURTH YEAR SECOND SEMESTER
MAIN EXAMINATIONS

FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY

COURSE CODE: SBT 421

COURSE TITLE: ETHNOBOTANY

DATE: TUESDAY 12th, October 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 2 printed pages. Please Turn Over



KIBU observes ZERO tolerance to examination cheating

QUESTION ONE

- a) Qualify the statement "Ethnobotany is a misnomer". (4 Marks).
- b) Explain informant consensus factor (ICF) in validation of medicinal plants (4 Marks).
- c) Explain with examples the doctrine of signatures and similitudes (4 marks).
- d) Define indigenous knowledge and distinguish it from scientific knowledge (3 Marks).
- e) Citing examples explain the term "*Non Timber Forest products*" (4 Marks).
- f) Distinguish between Masticatories and Fumitories (4 Marks).
- g) i. Explain how reduction of indigo dye is done (2 Marks).
ii. What are the faults in indigo dye (2 Marks).
- h) Distinguish between palm oil and palm kernel oil (3 Marks).

QUESTION TWO

Describe how you would carry out a rapid ethnobotanical study in a given community (20 Marks).

QUESTION THREE

Write an essay on natural plant fibers (20 Marks).

QUESTION FOUR

Write an essay on rubber and gum in African communities (20 Marks).

QUESTION FIVE

Discuss the use of indigenous knowledge systems in biodiversity conservation (20 Marks).