

(Knowledge for Development)

KIBABII UNIVERSITY UNIVERSITY EXAMINATIONS 2021/2022 ACADEMIC YEAR

FIRST YEAR SECOND SEMESTER

SPECIAL/SUPPLEMENTARY EXAMINATION

FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY.

COURSE CODE:

SBT 121

COURSE TITLE:

CRYPTOGAMIC BOTANY

DATE: 25TH JULY 2022

TIME: 8.00 - 10.00 AM

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	(1 Mark)
a) Explain the following terms as used in this course	(1 Mirk).
1. Isoganiy	(1 Mark)
ii. Zoospore	(1 Mark).
iii. Heterothallic	which of the
iv. Pyrenoids Schaginela and Pteridium. In your opinio	(3 Marks)
iii. Heterothame iv. Pyrenoids b) Distinguish between Selaginela and Pteridium. In your opinion b) Distinguish between Selaginela and Pteridium.	(3 Marks)
two is more advances	(4 Marks).
Using a diagram illustrate a spitus	(3 Marks)
	(3 National)
d) Describe any four general characteristics of dispersion of antherozoids e) Describe the role of water in the liberation of antherozoids e) Describe the role of Pteridophytes and give in details the type	(3 Marks).
il a tha cieiii Ul I com	(3 Iviairo)-
that can be found on the stem g) Briefly explain the classification and Nomenlature among the	e Lichens
g) Briefly explain the classification and reasons	(3 Marks).
g) grant of rhizoids found i	n cryptoganis
g) Briefly explain the elasting by Briefly explain the elastin	(3 Marks).
ii) With a C	(4 Marks).
i) With illustrations; elucidate the growth forms of Lichens	
i) With mustration	
QUESTION TWO	(20 Marks).
QUESTION TWO Describe the characteristics of the division Pteridophyta.	
Describe the characteristics of	200
THREE	(20 Marks).
Discuss the economic importance of Lichens	
Discuss the economic map	
QUESTION FOUR Write an essay on Hook and crozier method of Ascus formation	in Ascomycetes
essay on Hook and crozier method of Ascus for	(20 Marks).
Write an essay on 122	(23
QUESTION FIVE	nens (20 Marks).
QUESTION FIVE Write an essay on preparation of Cryptogamic herbaria specim	101
Write an essay on preparation	