



GARISSA UNIVERSITY COLLEGE

(A Constituent College of Moi University)

**UNIVERSITY EXAMINATION 2016/2017 ACADEMIC YEAR ONE
SECOND SEMESTER EXAMINATION**

SUPPLEMENTARY/SPECIAL EXAMINATION

SCHOOL OF EDUCATION, ARTS AND SOCIAL SCIENCES

FOR THE DEGREE OF BACHELOR OF EDUCATION (ARTS)

COURSE CODE: BOT 120:

COURSE TITLE: GENERAL BOTANY

EXAMINATION DURATION: 3 HOURS

DATE: 27/09/17

TIME: 2.00-5.00 PM

INSTRUCTION TO CANDIDATES

- The examination has SIX (6) questions
- Question ONE (1) is COMPULSORY
- Choose any other THREE (3) questions from the remaining FIVE (5) questions
- Use sketch diagrams to illustrate your answer whenever necessary
- Do not carry mobile phones or any other written materials in examination room
- Do not write on this paper

This paper consists of TWO (2) printed pages

please turn over



QUESTION ONE (COMPULSORY)

Discuss classification in Kingdom Fungi

[25 marks]

QUESTION TWO

(a) Differentiate between gametophyte and saprophyte generation in plants

[5 marks]

(b) Outline the differences between Dicots and monocots

[10 marks]

QUESTION THREE

(a) Describe formation of pollen grain in angiosperm plant

[10 marks]

(b) Explain why Kingdom Monera is considered to be more primitive than kingdom Protista

[5 marks]

QUESTION FOUR

(a) Describe sexual reproduction in Paramecium

[10 marks]

(b) Explain why algae in Division chlorophyta is considered to be the ancestors of plants

[5 marks]

QUESTION FIVE

(a) State distinguishing characteristics of bryophytes

[5 marks]

(b) Outline FIVE differences between Prokaryotes and Eukaryotes

[10 marks]

QUESTION SIX

Describe alternation of generation in kingdom Plantae

[15 marks]

