



# **UNIVERSITY OF KABIANGA**

## **UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR THIRD YEAR SECOND SEMESTER EXAMINATION**

### **FOR THE DEGREE OF BACHELOR OF EDUCATION**

**COURSE CODE: BOT 311**

**COURSE TITLE: PLANT TAXONOMY**

**DATE: 24<sup>TH</sup> AUGUST, 2017**

**TIME: 3.00 P.M. – 6.00 P.M.**

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### **INSTRUCTIONS TO CANDIDATES**

- SEE INSIDE

THIS PAPER CONSISTS OF (2) PRINTED PAGES

PLEASE TURN OVER

SCHOOL BASED

**UNIVERSITY OF KABIANGA**  
**UNIVERSITY EXAMINATIONS 2016/17 ACADEMIC YEAR**  
**THIRD YEAR SECOND SEMESTER MAIN EXAMINATIONS- SCHOOL BASED**  
**BOT 311: PLANT TAXONOMY**

**TIME: 3 HOURS**

**SECTION A (28mks): Answer ALL questions in this section**

1. State four reasons why the study of taxonomy is important (4mks)
2. In a table form, name four conserved names still in use and their accepted names (4mks)
3. Give the taxonomic endings of the following taxa (4mks)
  - a) Division
  - b) Class
  - c) Order
  - d) Family
4. State the advantages of use of common names in plant identification (4mks)
5. What are the principles of International Code of Botanical Nomenclature - ICBN (4mks)
6. Distinguish between taxonomy and systematics (4mks)
7. What are the economic importance of the members in the family Poaceae (4mks)

**SECTION B (42mks): Answer THREE questions in this section**

8. Discuss the Historical development of botanical nomenclature and eventual establishment of ICBN (14mks)
9. Discuss the importance of a plant herbarium (14mks)
10. Summarize the characters used in plant identification by botanist (14mks)
11. Discuss the economic importance of the family Leguminosae/Fabaceae (14mks)