

CHUKA



UNIVERSITY

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RESIT/SPECIAL EXAMINATION

**EXAMINATION FOR THE AWARD OF DEGREE OF BACHELOR OF SCIENCE IN
HORTICULTURE**

HORT 212: PLANT IDENTIFICATION

STREAMS: BSC HORT Y2S1

TIME: 2 HOURS

DAY/DATE: WEDNESDAY 03/11/2021

11.30 A.M – 1.30 P.M.

INSTRUCTIONS:

- Answer all questions
- Marks for each question are indicated in parenthesis ()
- Total marks = 40

Q1 a). What is plant identification? (2 marks)

b). Briefly explain why binomial nomenclature important in scientific study. (8 marks)

Q2. Write short notes on Horticultural plant classification. (10 marks)

Q3 A Botanical name is not only a name but often tells something about the plant. In regard to this statement, state the meaning and the plant part being described by the following words;

(5 marks)

- Brevi....
- Mega....
- Macro....
- Nanus
- Alba...

Q4. a). The following names are used in identification to describe the origin of the plant. State the origin of the following names (5 marks)

- i. Peruviana
- ii. Capensis
- iii. Saxatilis
- iv. Riparhus
- v. Campestris

b). State the botanical names and family for the following plants (5 marks)

- i. Cabbage
- ii. Avocado
- iii. Celery
- iv. Travellers palm
- v. Ti-plant

Q5. Using one example in each case show how to write botanical name of the following. (6 marks)

- i. Cultivar
 - ii. Variety
 - iii. Forma or form
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