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(Knowledge for Development)

KIBABII UNIVERSITY
UNIVERSITY EXAMINATIONS
2016/2017 ACADEMIC YEAR

SECOND YEAR 1ST SEMESTER
SPECIAL/SUPPLEMENTARY EXAMINATIONS

**FOR THE DEGREE OF BACHELOR OF SCIENCE IN BIOLOGY,
BACHELOR OF SCIENCE IN BIORESOURCE MANAGEMENT,
BACHELOR OF EDUCATION SCIENCE AND BACHELOR
AGRICULTURE EDUCATION AND EXTENSION**

COURSE CODE: SBT 211:

COURSE TITLE: PLANT TAXONOMY

DATE: 18TH/09/2017

TIME: 8:00-10:00 A.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 1

- (a). Explain the significance of a good quality herbarium specimen (5 marks)
 - (b). Name and illustrate any 3 carpel types (5 marks)
 - (c). Explain three major areas that current plant taxonomic activities largely concentrate (5 marks)
 - (d). Illustrate a typical Asteraceae flower (5 marks)
 - (e). Comment on author citation in nomenclature (5 marks)
 - (f). With illustrations distinguish between a “panicle”, “raceme” and “spike” (5 marks)
2. Describe the procedure of preparing a Cladogram in plant taxonomy (20 marks)
3. Discuss the history of plant taxonomy (20 marks)
4. Discuss the contributions of the 2010 Melbourne congress to plant nomenclature (20 marks)
5. Assume you have been invited to give a talk on principles of plant nomenclature, type specimens and nyms. Write an essay on what your talk would entail (20 marks)