

Eastern University, Sri Lanka
Second Year First Semester Examination in Science (Proper) - 2011/2012
EXTBT-201 / Plant Structure and Systematics (July / August - 2014)



Answer All Questions.
Time: 02 hours.

1. (a). What is seed dispersal? Give examples of different agents for seed dispersal.
(b). Differentiate open and closed vascular bundle.
(c). What are plant characters?
(d). List the characters of flower that pollinated by insects
(e). What is plant nomenclature?
(f). List the functions of a Herbarium
(45 minutes)
2. Differentiate the followings
(a). Qualitative characters and Quantitative characters
(b). Artificial classification and Natural classification
(c). Cymose inflorescence and Racemose inflorescence
(25 minutes)
3. Compare the following
(a). Scientific name and vernacular name
(b). Gametophytic generation and Sporophytic generation
(c). Cymose and Racemose inflorescence
(25 minutes)
4. Write short notes on the followings
(a). Keys in identifying plants
(b). Leaf arrangements
(c). Modification of roots
(25 minutes)