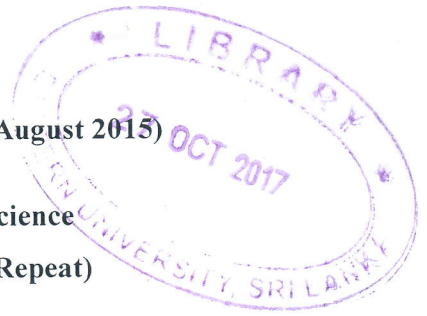


Eastern University, Sri Lanka
External Degree Examination in Science 2007/2008 (August 2015)



Second Year First Semester Examination in Science
EXTBT 201, Plant Structure and Systematics (Repeat)

Answer All Questions

Subject credits: 02

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) 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 following
(a) Plant nomenclature
(b) Classification of fruits
(c) Seed dispersal

(25 minutes)