

Eastern University, Sri Lanka

**Second Year Second Semester Examination in Science
Practical Examination in Biological Sciences –Repeat (May 2017)**

EXBT 251, Plant Structure and Systematics

Answer All Questions

Subject credit: 01

Time: 02 Hours

1. Identify and briefly describe the placentation types of **A, B, C** and **D**.
(20 minutes)
2. (i) Describe the specimen **L**
(ii) Write down the floral formula and draw floral diagram of **L** (30 minutes)
3. Identify and comment on the phyllotaxy of **M, N** and **P** (20 minutes)
4. Briefly describe the features of **Q, R, S** and **T** for their dispersal
(20 minutes)
5. You are provided with a specimen **U**.
 - (i) Describe the anatomy of **U** by means of taking a cross section.
 - (ii) Leave the slide for evaluation. (30 minutes)