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AUG 2013

Eastern University, Sri Lanka
Second Year First Semester Examination in Science (Proper) - 2011
BT-201 / Plant Structure and Systematics (April/May-2013)

ERN UNIVERSITY, SRI LANKA

Answer All Questions.

Time: 02 hours.

1. Explain the following statements;

- (a) "Gametophytic generation of angiosperms is suppressed".
- (b) "Characters are more meaningful in taxonomic studies".
- (c) "Flower is a modified shoot".
- (d) "Scientific name and vernacular name have their own merits and demerits".

2. Compare the followings;

- (a) Open vascular bundle and closed vascular bundle.
- (b) Qualitative characters and Quantitative characters.
- (c) Artificial classification and Natural classification.
- (d) Cymose inflorescence and Racemose inflorescence.

3. Write the importance of the followings;

- (a) Vascular cambium in dicots.
- (b) Herbarium.
- (c) John Hutchinson in plant taxonomy.
- (d) Keys in identifying plants.

4. Write short notes on the followings;

- (a) Plant nomenclature.
- (b) Classification of fruits.
- (c) Seed dispersal.
- (d) "Types" in plant systematic.