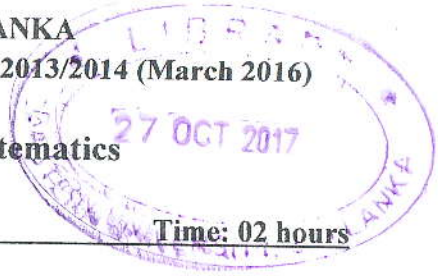


EASTERN UNIVERSITY SRI LANKA

Second Year First Semester Examination in Science 2013/2014 (March 2016)

BT 201, Plant Structure and Systematics



Answer all questions

Time: 02 hours

- (a) Write major difference between carrot, potato and onion as storage organs
- (b) List major differences between apical and lateral meristems
- (c) List the role of auxins in phototropism as an example of the control of plant growth

Briefly write on the following

- (a) Sexual reproductive unit of an angiosperm
- (b) Modifications of aerial stem of an angiosperm
- (c) Convergence evolution

Compare the following

- (a) Scientific name and Vernacular name
- (b) Good characters and Bad characters in plant taxonomy/systematics
- (c) Natural classification and Artificial classification

Explain the following statement

- (a) "Bracket key has advantages than indented key"
- (b) "Herbarium supports many functions"
- (c) "Cashew fruit is not a true fruit"