

External Degree programme  
Eastern University Sri Lanka  
First Year Examination in Science (2008/2009) April-2016  
EXT BT104, Plant Diversity- Vascular Plant  
Repeat

Answer All questions.

Time: 01 hours

1. a). What is a strobilus?  
b). Compare the strobilus of *Equisetum* with the female cone of *Pinus*, with fully labeled diagram.
2. a). Explain the following statements. Illustrate with fully labeled diagrams wherever necessary.  
b). *Psilotum* is one of the simplest and most primitive among land plants. There is no true endosperm in *Pinus*.

