

Eastern University, Sri Lanka
First Year Second Semester Examination in Science-2002/2003 & 2002/2003 (A)
(March/April 2004) (Proper)

BT 104, Plant Diversity (Vascular Plants)

Answer All Questions

Time: 01 hr.

1. a) What is a strobilus?
b) With the help of labelled diagrams, compare the structure of the male strobilus of *Cycas* and that of *Pinus*.
2. a) With the help of fully labelled diagrams describe the development of the male gametophyte of *Selaginella*.
b) Compare the sporangium of *Psilotum* with that of *Lycopodium*.

Answer four questions only selecting minimum two from each section.