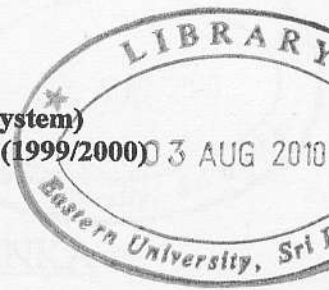


EASTERN UNIVERSITY, SRI LANKA
FIRST EXAMINATION IN SCIENCE (Term System)
EXTERNAL DEGREE PROGRAMME / Re-Repeat (1999/2000) 03 AUG 2010

EXBT-102 / PLANT DIVERSITY



Time: 03 Hrs

Answer all questions

1. Distinguish Between;
 - a). Antheridium & Oogonium
 - b). Spore & Gamete
 - c). Root & Rhizoid
 - d). Sporangium & Spermatangium
2. Describe the thallus organization found in the division Chlorophyta
3. Distinguish the gametophyte of *Marchantia* from the gametophyte of *Psilotum*
4. Describe the development of Male gametophyte of *Cycas* and *Pinus* with suitable labeled diagram.