

EASTERN UNIVERSITY, SRI-LANKA

FIRST YEAR FIRST SEMESTER EXAMINATION IN SCIENCE -2002/2003  
(June/July 2003)

BT-103, PLANT DIVERSITY (Non- Vascular Plants)

Answer All Questions

Time: 01 hour

1) Distinguish between,

- (a) Hormogonium and Carpogonium.
- (b) Antheridium and Spermatangium.
- (c) Hapteron and Holdfast.
- (d) Sporangium and Archegonium.

2) Discuss the features of evolutionary importance exhibited in the following.

- (a) Gametophyte of *Marchantia*
- (b) Sporophyte of *Anthoceros*
- (c) Gametophyte of *Pogonatum*