

EASTERN UNIVERSITY, SRI LANKA

FIRST EXAMINATION IN SCIENCE 2001/2002

First Semester (April, 2002)

BT 103, Plant Diversity (Non Vascular Plants)
(Repeat)

Answer All Questions

Time: 01 Hour

Draw fully labelled diagrams wherever necessary.

- (a). List the main divisions of the algae.
- (b). Name the characteristic pigments of each division.
- (c). Discuss the economic importance of the red algae.

Explain the following statements:

- (a). " The Sporophyte of Marchantiales depends on the Gametophyte for its nutrition".
- (b). " The Sporangium of *Fucus* acts as spore case and gametangium".
- (c). " The Bryophytes are amphibious plants".