

EASTERN UNIVERSITY, SRI LANKA

FIRST EXAMINATION IN SCIENCE 2001/2002

First Semester (April 2002)

BT 101, Cell Physiology (Proper)

Answer ALL Questions

Time: 1 Hour

1.

- (a) Define " Water potential"
- (b) List three methods available to determine the water potential of plants.
- (c) For one method listed in (b) briefly describe the theory and assumptions involved and indicate the advantages and disadvantages.

2.

Write short notes on the following

- (a). Imbibition.
- (b). Plasmodesmata.
- (c). Guard cells.