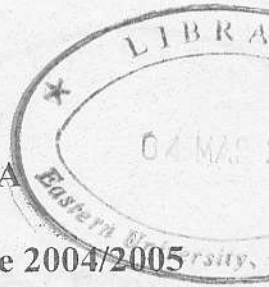


EASTERN UNIVERSITY, SRI LANKA



First Year, First Semester Examination in Science 2004/2005
External Degree (October/November, 2006)
EXTBT-102, Plant Physiology (Proper/Repeat)

Answer all questions

Time: One Hour

01. Write short notes on the following:
- a) Root Pressure
 - b) Apoplastic-Symplastic pathways.
 - c) Kranz Anatomy and its role in photosynthesis.
02. a) What is meant by 'Mass flow hypothesis?'
- b) Explain the mass flow hypothesis using a physical model and compare it with the system operating in trees.
