

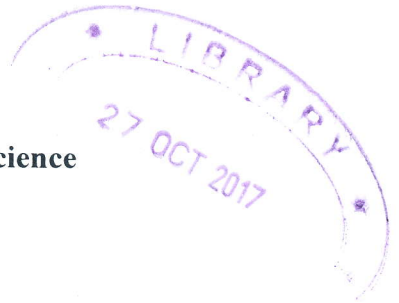
**EXTERNAL DEGREE PROGRAMMEE**

**Eastern University, Sri Lanka**

**First Year Second Semester Examination in Science**

**EXT BT – 102 / Plant Physiology**

**Repeat/Re-repeat**



**Answer any four questions**

**in two hours**

Write short notes on the following;

Plasmolysis

Osmotic potential

Apoplast pathway

What is stomata and briefly explain the different types of stomata.

Explain the physical factors that affecting the transpiration of plants.

Give the significance of conductive tissues.

Briefly explain the xylem transport.

Write Brief notes on the following.

Oxidative phosphorylation in plant **OR** CAM plant carbon fixation

Dark reaction of photosynthesis.

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