

W-3282

M.Sc. (Fourth Semester) Examination, June-2020

BOTANY

Paper - E-4

Stress Physiology

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt **all** questions as per directions given.

Unit-I

- Q.1. Explain the methods of determination of water potential of plants by Chardakov's and pressure chamber. 17

Unit-II

- Q.2. What is drought? Explain different mechanisms of drought tolerance. 17

Unit-III

- Q.3. What is Antitranspirants? Explain their types and their uses in alleviation of water stress. 17

Unit-IV

- Q.4. Write detailed note on C₄ photosynthesis. 17

Unit-V

- Q.5. Describe various screening methods for salt tolerant varieties. 17

