

Roll No.

Y – 3146
M.Sc. (Second Semester)
EXAMINATION, May/June 2021
BOTANY
Paper – 204
(Plant Biochemistry and Metabolism)

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt *all* questions.

Unit-I

1. Describe the structure and classification of proteins. 17

Unit-II

2. Describe the Chemiosmotic theory. Discuss structure of ATP synthetase. 17

Unit-III

3. In which parts glycolysis occur ? Discuss the process of glycolysis. 17

Unit-IV

4. Discuss the process and mechanism of symbiotic nitrogen fixation. 17

Unit-V

5. How the photosynthesis is related with nitrogen metabolism ? Discuss. 17