

Roll No.

Y – 3150

M.Sc. (Fourth Semester) EXAMINATION, May/June-2021

BOTANY

Paper – E-I

INDUSTRIAL MICROBIOLOGY

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note—Attempt *all* questions.

Unit-I

1. Give a brief note on development and scope of Industrial Microbiology. 17

Unit-II

2. Describe various strategies for improvement of industrially important microbial strains. 17

Unit-III

3. Describe the process for industrial production of vinegar. 17

Unit-IV

4. Discuss the process for mushroom cultivation and its nutritional values. 17

Unit-V

5. Discuss Biopesticides. How insect pests are controlled by using bacteria ? 17

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