

**W-3280(A)**

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

**BOTANY**

**Paper - E-1**

**Industrial Microbiology**

*Time : Three Hours*

*Maximum Marks : 85*

*Minimum Pass Marks : 29*

**Note :** Attempt **all** questions.

**Unit-I**

Q.1. Define fermentation. Describe design and construction of fermenters.

**Unit-II**

Q.2. Write detail process of screening of industrially important microorganisms.

**Unit-III**

Q.3. Describe the process for industrial production of Glutamic acid.

**Unit-IV**

Q.4. Define dairy microbiology. Discuss important dairy products from microorganisms.

**Unit-V**

Q.5. Discuss methods for production of biofertilizer and its applications.

