

W-444/W-445

B.Sc. (Third Year) Examination, March/April-2020

INDUSTRIAL MICROBIOLOGY

Paper - I & II

**Fermentation Technology and Biostatistics /
Agricultural, Environmental & Industrial Microbiology**

Time : Three Hours

Maximum Marks : 40+40=80 (For Regular Students)

Minimum Pass Marks : 33%

Maximum Marks : 50+50=100 (For Private Students)

Minimum Pass Marks : 33%

Note : Attempt **all** questions.

Section-A

- Q.1. Describe the methods of strain improvement. 13/16
- Q.2. Describe the structure of a batch fermenter. 13/17
- Q.3. What is down stream processing? Explain different steps of it. 14/17

Section-B

- Q.4. Give the industrial production of Rhizobium. 13/16
- Q.5. Explain methods to manage agricultural waste. 13/17
- Q.6. Write the industrial production of Amylase. 14/17

