

W-444(S)/W-445(S)

B.Sc. (Third Year) (Supplementary) Examination, September-2020

INDUSTRIAL MICROBIOLOGY

Paper - I & II

**Fermentation Technology and Biostatistics / Agricultural, Environmental and
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. Give a detailed account of strain improvement process. 13/16
- Q.2. Define fermentation and describe various parts of a fermenter. 13/17
- Q.3. Describe intracellular and extracellular product recovery methods. 14/17

Section-B

- Q.4. Give industrial production of Cyanobacteria. 13/16
- Q.5. What do you understand by primary and secondary treatment of municipal waste? 13/17
- Q.6. Give industrial production of Ethanol. 14/17

