

2019

3rd Semester Examination

**BIOTECHNOLOGY (Honours)**

**Paper - C5P**

**(General Microbiology)**

Full Marks : 20

Time : 3 Hours

*The figures in the margin indicate full marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

*Answer all questions*

1. Perform the endospore staining of the supplied bacterial culture (A) and comment on it. 10  
Principle-2, Work-5, Drawing-1, Comment-2
2. Enumerate the bacterial load in the original water sample by counting colony in the supplied plate spreaded with an appropriate dilution previously

OR

[ Turn Over ]

Evaluate the catalase production efficiency of supplied bacteria (B) . Result and interpretation 5

3. Laboratory note book. 2

4. Viva-voce. 3

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