

**2016**

**M.Sc. 1st Semester Examination**

**MICROBIOLOGY**

**PAPER—MCB-105**

**(Practical)**

*Full Marks : 25*

*Time : 4 Hours*

*The figures in the margin indicate full marks.*

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

*Illustrate the answers wherever necessary.*

**Group—B**

*Answer all questions.*

1. Make a suitable staining of the supplied bacterial sample (A). Draw microscopic view of the stained bacteria and comment on the endospore / capsule of the organism. 7  
(Work-2, Result-3, Comment-2)
2. Find out the effect of a supplied molecules (B) on the growth kinetics of bacteria (C). 8  
(Work-2, Result-4, Comment-2)
3. Laboratory Note Book. 2
4. Viva Voce. 3
5. Internal Assessment. 5