

2018

M.Sc. 1st Seme. Examination

**MICROBIOLOGY**

**PAPER—MCB-196.1**

**(Practical)**

Full Marks : 25

Time : 4 Hours

*The figures in the right-hand margin indicate full marks.*

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

1. Estimate the amount of DNA present in a single bacterium from supplied bacterial culture. 8  
*[Principle—2 ; Work—3 ; Result—3]*
  2. Determine the amylase activity of the supplied enzyme solution at 3 different pH/temperature. 8  
*[Principle—2 ; Work—3 ; Result—3]*
  3. Laboratory note book. 2
  4. Viva-voce. 2
  5. Internal Assessment. 5
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