

2019

MSc

2nd Semester Examination

MICROBIOLOGY

PAPER – MCB-295.2

(Practical)

Full Marks : 25

Time : 5 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.

Illustrate the answers wherever necessary.

1. Perform multiple sequence alignment of the supplied protein sequences. Retrieve the name and function of the protein sequences from Uniprot database using supplied accession number. (2 + 3=5)
2. From the supplied data calculate the mean, SD, CV values. Draw an appropriate graph in MS-Excel with the data (Mean \pm SD) and save the file with your roll number in the desktop. (10)
3. Viva – Voce (3)
4. Laboratory Note Book (2)
5. Internal Assessment (5)