

PG CBCS
M.Sc. Semester-IV Examination, 2019
BOTANY
PAPER: BOT-495
PRACTICAL (Special Paper)
(MICROBIOLOGY)

Full Marks: 50**Time: 10 hours (5+5 hours)**

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1. Perform the multiple tube fermentation test of the supplied water sample (A) and determine the most probable number. 10
(*Work- 4; Result- 4; Comment- 2*)
 2. Enumerate the bacterial number in the supplied soil sample (B). 10
(*Work-4; Result-4; Comment-2*)
 3. Construct a phylogenetic tree by using the supplied DNA sequence as sample 'C'. 10
 4. Laboratory Note Book. 5
 5. Submission of tour report 10
(*Report-5; Viva-voce-5*)
 6. Viva-voce 5
