

M.Sc. (M.L.T.) Microbiology 2nd Year

(BF/2023/12)

Research Methodology and Recent Advances

M.M.: 80

Time: 3 Hours

- Note:** 1.) ***Attempt all questions.***
2.) **ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**
3.) **NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**
4.) **The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.**

Section-A

Write short notes on the following:

1. Difference in Quantitative & Qualitative research. [8]
2. Concept paper. [8]
3. Factors affecting prevalence of a disease. [8]
4. Probability- theorems. [8]
5. Publication ethics. [8]

Section -B

Write short notes on:

1. Biomedical waste management in microbiology laboratory. [8]
2. Advantages and disadvantages of molecular tests. [8]
3. Genetic engineering. [8]
4. Agar gel electrophoresis. [8]
5. Cartridge based nucleic acid amplification tests. [8]
