

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)
Chromepet, Chennai - 600 044.

B.Sc.PBPBT - END SEMESTER EXAMINATIONS - NOV'2024

SEMESTER - II

20UPBCT2003 - General Microbiology and Plant Pathology

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. What are protists and its developing sources in food? Give examples.
2. Explain that some plants have both autotrophic and heterotrophic modes of nutrition.
3. What is produced by bacteria during decomposition or decay processes and its importance?
4. Classify the differences between transduction and conjugation.
5. Discriminate the Current progress and challenges in crop genetic transformation.
6. Justify the lactic acid bacteria applications in Milk Fermentation.
7. Which crops are affected the Tikka diseases and to solve the disease?
8. What is means that the citrus canker airborne and its impact on plant growth?

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Sketch the different roles of cyanobacteria in the various fields.
10. Describe briefly the anaerobic respiration differ from aerobic respiration and its importance.
11. Distinguish the different mode of reproduction in bacteria and its applications.
12. Briefly describe the economic importance of bacteria and its application in various fields.
13. Explain in details a) Red rot of Sugarcare b) Fusarium wilt of Cotton
