

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.

M.Sc.PBPBT - END SEMESTER EXAMINATIONS - APRIL 2025

SEMESTER - I

24PPBET1A02 - Applications of Algae

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Interpret the uses of heterocyst.
2. Explain about raft cultivation.
3. Compute the uses of therapeutic algae.
4. Explain about phycoremediation.
5. Interpret the uses of agar agar.
6. Predict about immobilization.
7. Explain about the medium composition for mass cultivation of microalgae.
8. Evaluate the importance of algae in fisheries.

Section C

I - Answer any **TWO** questions ($2 \times 10 = 20$ Marks)

9. List the economic importance of algae.
10. Predict the bio-diesel production.
11. Examine the applications of genetic engineering in algae.
12. Evaluate the mass production of Spirulina.

II - Compulsory question ($1 \times 10 = 10$ Marks)

13. Evaluate that algae acts as indicator in accessing water quality.
