

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. END SEMESTER EXAMINATIONS APRIL-2022

SEMESTER - I

20UPBCT1001 - PHYCOLOGY

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. Draw the Haplontic and diplontic Lifecycle.
2. Write the general features of cyanophyceae.
3. Bring out the asexual reproduction in Sargassum.
4. Write the media preparation for alga culture.
5. Write briefly on SCP and its uses.
6. Explain briefly the lifecycle of Ulva.
7. Write short notes on Algal reserve food materials.
8. Draw the Structure of Anabaena, Ulva and Gracillaria.

Section B

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

9. Write the F.E. Fritsch classification of Algae.
10. Give the diagnostic characters of Rhodophyceae and Chlorophyceae.
11. Explain Habit, reproduction and life cycle of Anabaena.
12. Explain sterilization and inoculation of Algae.
13. write the economic importance of SCP and biomass production.
