

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 - II

20UPBCT2004 - Bryophytes and Pteridophytes

Total Duration : 3 Hrs.

Total Marks : 60

Section A

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

1. What are difference between Vascular and non-vascular cryptogams?
2. Draw label and explain anatomy of Marchantia
3. Write about different Habitat of Pteridophytes
4. Give in details of Bryophytes Lifecycles
5. Explain the Structure of Mature Sporogonium in Polytrichum
6. Write about Dictyostele, and Eustele give examples
7. Write in details of medicinal importance in Pteridophytes
8. Write about anatomy of Marsilea rhizome

Section B

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

9. Write an essay on classification of Bryophytes according to Reimer, 1954.
10. Comparative Study of the anatomy and reproductive structures of vascular and non-vascular cryptogams.
11. Write about Stelar evolution in pteridophytes.
12. Give in details about Apogamy and Apospory.
13. Write about the morphology, anatomy of Dicranopteris.
