

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 - NOV' 2024

SEMESTER - I

24PPBCT1002 - Pteridophytes, Gymnosperms and Paleobotany

Total Duration : 2 Hrs. 30 Mins.

Total Marks : 60

Section B

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

1. Illustrate apogamy.
2. Describe the sexual reproduction in *Pteris*.
3. Write in detail reproduction in *Podocarpus*.
4. Describe the male cone of *Araucaria*.
5. Illustrate the contributions of Birbal Sahni.
6. Classify *Pteridophytes* by Smith.
7. Explain Geological time scale.
8. Infer female cone of *Ephedra*.

Section C

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

9. Describe the stellar evolution in Pteridophytes.
10. Discuss the life cycle of *Adiantum*.
11. Infer the economic importance of Gymnosperms.
12. Evaluate the life history of *Cupressus*.

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

13. Justify the process of fossilization.
