

CSSR & SRRM DEGREE & PG COLLEGE

(AUTONOMOUS)

UG (CBCS) REGULAR EXAMINATIONS, OCT- 2025

B.Sc (Bot), SEMESTER-III

MAJOR: VASCULAR PLANTS

(w.e.f. 2024-25 Admitted Batch)

Time: 3 hrs.

(No additional sheet will be supplied)

Max. Marks: 70

SECTION-A

I. Answer any FIVE questions. Each Question Carries 4 Marks

5 X 4 =20 M

1. Lycopodium types (sub genera)?
2. Marsilea petiole T.S?
3. Cycas megasporophyls?
4. Gnetum morphological characters?
5. General recommendations of ICBN?
6. Tendril in Cucurbitaceae?
7. Spikelet?
8. Flavonoids?
9. Advantages, Disadvantages of numerical taxonomy?
10. Primitive and advanced characters of angiosperms?

SECTION – B

II. Answer ALL questions. Each Question Carries 10 Marks.

5 X 10 =50 M

11. Describe the internal structure of lycopodium stem (T.S)?

Or

12. Describe stellar evolution in pteridophytes?

13. Describe the internal structure of primary stem in gnetum (T.S) add a note on its secondary growth?

Or

14. Explain life cycle of Cycas?

15. Explain herbarium?

Or

16. Describe the classification of bentham and hooker. Mention the merits and demerits of it?

17. Describe the vegetative and floral characters of the family annonaceae and add a note on its economic importance?

Or

18. Describe the vegetative and floral characters of the family Asteraceae (Compositae) and add a note on its economics importance?

19. Explain taxonomy in relation to anatomy?

Or

20. Explain cytology in relation to taxonomy?

