

No. of Printed Pages : 2

36324



III Semester B.Sc. Degree Examination, April/May - 2021

BOTANY - III

**Plant Histology, Plant Anatomy, Embryology of Angiosperms,
Palynology
(CBCS)**

Time : 3 Hours

Maximum Marks : 70

Instruction : Answer all questions. Draw the diagrams wherever necessary.

SECTION - A

I. Answer all questions.

1x15=15

1. What is procambium ?
2. Name the living mechanical tissue.
3. What is Chlorenchyma ?
4. Give an example of Outer Cambium and Inner Cambium.
5. What is isobilateral leaf ? Give an example.
6. What is the function of Aerenchyma ?
7. What is Heart Wood ?
8. Define the term Megasporangium.
9. What is cleistogamy ?
10. Define the term cleavage Polyembryony.
11. What is parthenocarpy ?
12. Define the term periderm.
13. Which type of tissue is responsible for secondary growth ?
14. Define "Palynology".
15. Define anemophily.

P.T.O.

36324

2

SECTION - B

II. Answer any five of the following.

5x5=25

16. Write the types of Collenchyma with diagrams.
- ~~17.~~ Describe the T.S. of Dicot root with diagrams.
18. Explain the Aerenchyma and its significance.
- ~~19.~~ Explain with neat labelled diagram of anomalous Bougain Villeda Stem (T.S.)
- ~~20.~~ Write short notes of "B.G.L. Swamy".
- ~~21.~~ Draw and label T.S. of matured anther.
22. Explain "Sporopollenin".

SECTION - C

III. Answer any three of the following.

3x10=30

- ~~23.~~ Write the characteristics of Meristematic tissue and explain the types.
24. Explain with neat labelled diagram of Bicollateral Vascular bundle with example.
- ~~25.~~ Explain the Bisporic development of embryo sac with neat labelled diagrams.
- ~~26.~~ Write the contrivances of cross pollination.
27. Explain the Vascular tissues with neat labelled diagrams.

- o O o -

<https://www.vskub.com>
Whatsapp @ 9300930012
Send your old question papers
and get Rs.10 paytm or upi payment

