

- E. Whole specimen or permanent slide of Gymnosperm.
F. Whole specimen or permanent slide of wood.

Dr. V. S. KRISHNA GOVT. DEGREE & PG COLLEGE (A), VISAKHAPATNAM

**I B. Sc - SEMESTER -II: BOTANY THEORY PAPER -II
(Paper- II Diversity of Archaeogoniates & Plant Anatomy)
MODEL QUESTION PAPER**

TIME: 3 h

MAX. MARKS: 60

SECTION - A (5 X 8 = 40 MARKS)
Answer All Questions (Draw a neat labelled diagrams wherever necessary)

SECTION B

1. (a) Discuss on Sporophytic Evolution in Bryophytes? OR
(b) Write the Life History of Marchantia ?
2. (a) Write an essay on Heterospory and Seed Habit in Pteridophytes? OR
(b) Write the Internal structure of Rhizome of Marsilia?
3. (a) Give the details of economic Importance of Gymnosperms ? OR
(b) Write the Reproduction in Pinus?
4. (a) Discuss on epidermal Tissue System in Plants? OR
(b) Write the Organisation of shoot apex in Plants ?
5. (a) Describe the anomalous secondary growth in Dracaena ? OR
(b) Write the Wood structure Quality and Economic Importance of Arjuna (TellaMaddi)?

SECTION - B (5X 4= 20 MARKS)
Answer Any Five

- | | |
|--|-----------------------------------|
| 1. General characters of Bryophytes (any 8). | 5. Gnetum Ovule. |
| 2. Male Branch of Funaria | 6. Gnetum Leaf Internal Structure |
| 3. Lycopodium Cone | 7. Types of collenchyma |
| 4. Plecto Stele | 8. Teak Economic Importance |

DR.V.S.KRISHNA GOVT. DEGREE AND PG COLLEGE (A.)

I B. Sc - SEMESTER –II: BOTANY THEORY PAPER –II
(Paper-II: Diversity of Archaeogniates & Plant Anatomy)

BLUE PRINT OF SEMESTER II - QUESTION PAPER

Question type	Unit I 12Hours	Unit II 12Hours	Unit III 12Hours	Unit IV 12Hours	Unit V 12Hours	Max. 60 Marks
Essay Questions (Internal Choice)	2	2	2	2	2	5 X 8= 40
Short Questions (5 out of 8 to be answered)	2	2	2	1	1	5 X 4= 20