

Sr.No.14091

Exam Code: 210004

Subject Code: 4576

M.Sc. Botany - 4th Semester

(2720)

Paper - BOTC-621

Plant Anatomy

Time allowed: 2 hrs.

Max. Marks: 50

**Note: Attempt any four questions. All questions are of equal marks.
Draw labelled diagrams wherever required.**

Q1. Discuss the origin and activity of vascular cambium in a typical dicot stem.

Q2. Describe the nodal types in dicots and monocots.

Q3. What are growth rings? Discuss their formation and significance.

Q4. Elucidate the anatomy and chemistry of lignification.

Q5. Discuss the anatomy of floral axis with suitable illustrations.

Q6. Discuss the surface and internal anatomy of a monocot seed.

Q7. Discuss the anatomy and role of laticifers with examples.

Q8. What is functional anatomy? Discuss with the help of examples from parasites.

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