

PRACTICAL EXAMINATION
B.Sc. Life Science Semester I
Plant Diversity and Systematics
LS-BOT-DSC-1

Max. Marks : 80

Time: 4hrs

Q1. Identify the given **material A** by making temporary mounts

(8 marks)

Preparation-1½

Diagram-2

Identifying features-3

Classification-1½

Q2. Identify the given **material B** by making temporary mounts.

(8 marks)

Preparation-1½

Diagram-2

Identifying features-3

Classification-1½

Q3. Describe the floral characters of given **material C** using semi-technical terms and identify it up to family level with reasons by making temporary mounts. **(12 marks)**

Preparation- 1 + 1 = 2 (L.S Flower and T.S Ovary)

Description (No vegetative description) - 5

Floral diagram- 2

Floral formula- 1

Identification up to family level giving reasons - 2

Q4. Comment on the given **Spots (D-I)**

(2x6=12 marks)

Identification- ½

Diagram- ½

Comments-1

Q5. Viva

(20 Marks)

Q6. Continuous Evaluation

(20 marks)

Practical Record (including one herbarium specimen)- 8+2=10

Practical Test- 5

Attendance- 5