

2019

B.Sc. (General)

2nd Semester Examination

BOTANY

Paper - DSC 1BP

[Practical]

Full Marks : 20

Time : 2 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

[Plant Ecology & Taxonomy]

1. Draw, label, dissect and describe the specimen 'A' in taxonomical terms and identify the family with reasons. Write floral formula and draw floral diagram.

[Dissection - 1, Drawing and labelling - 2, description - 3, floral formula - 1, floral diagram - 1, Identification of family with reasons - 2]. 10

OR

[Turn Over]

Determine the minimum quadrat size of the herbaceous vegetation and make a list of the names of the plants. 6+4

[Minimum Quadrat size - 6, names of plants - 4]

2. Write the morphological adaptations of the Specimen 'B'. 3
 3. Submission of Herbarium Specimen. 2
 4. Laboratory Note Book. 2
 5. Viva-Voce. 3
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Total Pages - 2

UG/2nd Sem/BOT/G/19(Pr)

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Instructions to Examiners

1. For Specimen 'A' select locally available plant specimen with flower prescribed in the syllabus and should be supplied alternately. 10

OR

Location of study will be suggested by the examiners.

2. For Specimen 'B' locally available Hydrophytic / Xerophytic specimen should be supplied to all as prescribed in the syllabus. 3
3. Properly dried, mounted and labelled Herbarium specimens (at least 10) should be given credit. 2

[Turn Over]

4. Regularly endorsed Laboratory Note Books should
be given more credit. 2
 5. Viva-Voce. 3
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