



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2022

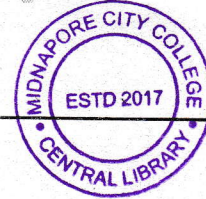
(Under CBCS Pattern)

Semester - IV

Subject : BOTANY

Paper : C 10-P

Plant Systematics



Full Marks : 20

Time : 3 Hours

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Practical

1. Answer any *one* of the following questions : 5×1=5
 - (a) Draw the floral diagram of *Triticum* sp and mention its floral formulae.
 - (b) Write the systematic position of *Tephrosia* and *Solanum* according to Hooker's system of classification.
 - (c) Draw and label the cross section of the ovary of *Jatropha* sp.

2. Answer any *one* of the following questions : 10×1=10
 - (a) Draw and describe a suitable flowering twig of *Solanum* sp. or *Sida* sp. and write down the family characters of the species. (Drawing and labeling-4, Description-4, Family identification-2)

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(b) Draw and describe a suitable flowering twig of *Tephrosia* sp. or *Cassia* sp. and mention the family characters of the species. (Drawing and labeling-4, Description -4, Family identification-2)

(c) Draw and describe a suitable flowering twig of *Spermacoce* sp. or *Catharanthus* sp. and mention the family characters of the species. (Drawing and labeling-4, Description-4, Family identification-2)

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| 3. | (i) | Viva Voce | 2 |
| | (ii) | Practical Note Book | 2 |
| | (iii) | Field Note Book | 1 |

