

Botany [Honours]

[CBCS]

B.Sc. Third Semester End Examination-2023

(Regular & Supplementary Paper)

PAPER-C7P

Practical

Full Marks: 20

Time: 02 Hrs

The figures in the right hand margin indicate marks

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

Illustrate the answers wherever necessary

1. Determine the seed ratio from the given sample [A] and correlate it with the particular gene interaction involved.
[Calculation-4, Result-2 , Inference-2] 7
 2. Describe the Pre-treatment, fixation and staining technique to study mitosis from onion root [Sample-B]
[Procedure -1, staining and Smear preparation: Diagram of metaphase plate-2 comment – 1] 5
 3. Identify the specimen / Photographs with reason. 1X3 [specimen 'C', 'D', 'E']
 4. Submission of laboratory Note-book. 2
 5. Viva-voce 3
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