

BOTANY-2021
(Major Practical)

Paper: 5.6

Full Marks-75

Pass Marks-30

Time- 2 Hours

The figures in the margin indicate full marks for the questions.

1. Write about collection technique of flower buds for meiotic cell division analysis. Write the fixation procedure of floral buds.
5+8=13
2. What is emasculation? Briefly write about different emasculation techniques and mention the important precautions to be taken during the experiment.
2+5+5=12
3. Name the bacterium found in curd. How do you stain the bacterium? Briefly write about the procedure.
2+2+4=8
4. In an experimental field, the height of ten plant seedlings was recorded as 5.3cm, 5.6 cm, 5.8cm, 5.4 cm, 5.5cm, 5.2 cm, 5.3 cm, 5.7cm, 5.1 cm and 5.3cm. Find out the mean height of plant seedlings in the experimental field.
7
5. Practical notebook, field records.
12
6. Viva voce
8
7. Internal assessment
15

Note:

1. Submit the softcopy of the answer script in PDF file to botanypractical7@gmail.com within one hour.
2. For Viva, go through www.jncollegeonline.co.in , then click **live discussion** and select Viva voce from the list at **3.00PM** on 13-07-2021.