



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL

B.Sc. Honours 6th Semester Examination, 2022

CC14-BOTANY (PRACTICAL)

PLANT BIOTECHNOLOGY

Time Allotted: 2 Hours

Full Marks: 20

The figures in the margin indicate full marks.

1. Write the requirement and procedure of plasmid isolation from microbial source. 2+3=5

OR

Comment on the photograph of restriction digestion experiment (photograph to be supplied). 5

2. Demonstrate the in vitro sterilization method of explant (materials to be provided). 5

3. Write the steps of genetic engineering for the production of Bt cotton / Golden rice (any *one*). (Photograph to be provided). 5

4. Submission of laboratory note book 2

5. Viva-voce 3

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