

U.G. 5th Semester Examination - 2021
Molecular Biology & Biotechnology
[HONOURS]

Discipline Specific Elective (DSE)

Course Code : MBBT(H)/505(P)DSE-2/PR

[PRACTICAL]

Full Marks : 20

Time : 2 Hours

The figures in the right-hand margin indicate marks.

Answer all the questions.

1. Write any **one** of the following experiments: 10
- a) Write down the requirements, theory and detail preparation procedure of full-strength Knop's medium for Plant tissue culture. 3+3+4
- OR**
- b) Describe the requirements, theory and detail preparation procedure of Murashige & Skoog's medium for Plant tissue culture. 3+3+4
- OR**
- c) Write the requirements, theory and detail procedure of selection and surface sterilization process of explants for Plant tissue culture. 3+3+4

[Turn over]

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| 2. | Laboratory Note book | 5 |
| 3. | Viva-voce. | 5 |