

W-3279

M.Sc. (Fourth Semester) Examination, June-2020

BOTANY

Paper - 402

Plant Bio-Technology : Invitroculture Genetic Engineering and IPR Issue

Time : Three Hours

Maximum Marks : 85

Minimum Pass Marks : 29

Note : Attempt **all** questions.

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| Q.1. Write a brief note on techniques of tissue culture and its significance. | 17 |
| Q.2. Give detailed note on Micropropagation. | 17 |
| Q.3. Discuss strategies of microbial strain improvement. Why it is important? | 17 |
| Q.4. Explain cloning vehicles? Write general account on plasmids. | 17 |
| Q.5. Write an applications of r-DNA technology in improvement of plants. | 17 |

