

W-3279(A)

M.Sc. (Fourth Semester) Examination, (Second Chance) 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.

Q.1. Write note on:

- a) Sterilization techniques used in tissue culture.
- b) In-vitro auxotrophs.

Q.2. Discuss IPR? Give general idea about patents.

Q.3. Describe the process for isolation and purification of DNA.

Q.4. Write a note on selection and screening of recombinant clones.

Q.5. Give a brief note on single stranded DNA viruses.

