

SEM-140

B. Sc. (Hon's) (Sixth Semester) Examination, June 2021

BIOTECHNOLOGY

Paper : BT-601

(Plant biotechnology for Tissue Culture)

Time Allowed : Three hours

Maximum Marks : 35

Note: Attempt all questions. All question carries equal marks.

1. Explain plant tissue cultures and applications of cell cultures.
2. What are the DNA enzymes? Discuss in detail their mode of action.
3. Write an essay on application of molecular genetics in animals.
4. In what way plant cell culture technique is helpful in industries?
5. Give an detailed account of production of secondary metabolities for cell culture.