

Activity Code:- 1903015031

B.Sc 6th SEMESTER (Honours) PRACTICAL EXAMINATION, October-2020

Subject: BOTANY

Course ID: 61322

Course Code: SH/BOT/601/C-14 (Pr.)

Course Title: Plant Biotechnology

Full Marks: 10

Time: 1h 30 mins.

The figures in the margin indicate full marks

Answer all the questions.

UNIT I

1. Answer any one of the following :

1×6 = 6

- a. Write down *in vitro* inoculation methods using leaf explants of tobacco.
- b. Schematically represent the steps of genetic engineering for production of Bt-cotton.
- c. How plasmid DNA can be isolated (Write through flow chart).

UNIT II

2. Viva-voce

= 4