

[illegible]

SECTION-B

- 2) What is micro propagation? Write note on stage IV i.e. transplant into soil.
- 3) Differentiate between Direct and Indirect plant regeneration.
- 4) What is ovary culture and Write factors effecting ovary and how it is better than another culture.
- 5) Write contribution of the G. Haberlandt and EC Cocking in PTC.
- 6) What is hormonal theory of organ formation?

SECTION-C

- 7) What is Ti Plasmid? Write its structure and discuss about *Agrobacterium* method of gene transfer.
- 8) What is Cryopreservation? Explain various steps for cryopreservation in plants.
- 9) What are secondary metabolites? Write various factors limiting large-scale production of useful compounds.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.