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**School of Agriculture**

Master of Science in Fruit Science

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

**Sem I - A1PE103B - Propagation and Nursery Management of Fruit Crops**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Describe the role of stratification and scarification K2 (2)
- 2) Horticultural significance of polyembryony? K1 (3)
- 3) Enlist different methods of vegetative propagation employed for multiplication of horticultural crops? K2 (4)
- 4) Discuss the role of growth regulators in root initiation? K2 (6)
- 5) Girdling helps in root induction, explain K3 (6)
- 6) Describe following methods of grafting with diagrams: K3 (9)
- 7) Enlist different methods of grafting employed for propagation of fruit crops? K4 (8)
  
- 8) i) T-budding and ii) Ring or annular budding. K4 (12)

**OR**

What do you mean by graft incompatibility K4 (12)