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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 - A1PE104B - Breeding 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) Classify stress. K2 (2)
- 2) Define Scion. K1 (3)
- 3) Explain self incompatibility. K2 (4)
- 4) Illustrate the meaning of resistance breeding. K2 (6)
- 5) Identify the different species in citrus which are used to create hybrids. K3 (6)
- 6) Construct the different steps of hybridization. K3 (9)
- 7) Simplify the terms polyembryony and parthenocarpy. K4 (8)
- 8) Analyse the importance of rootstock breeding in fruit crops. K4 (12)

**OR**

- Analyse the factors responsible for graft incompatibility. K4 (12)