

**School of Agriculture**

**Master of Science in Fruit Science  
Semester End Examination - Jun 2024**

**Duration : 180 Minutes  
Max Marks : 100**

**Sem II - A1PE203B - Canopy Management in 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)  | Recall the objective of canopy management  | K1(2)  |
| 2)  | Contrast the strategies to enhance light distribution within the canopy?         | K2(4)  |
| 3)  | Summarize how canopy management techniques contribute to uniform grape ripening. | K2(6)  |
| 4)  | What role does pruning regimen play in canopy development?                       | K3(9)  |
| 5)  | Construct and describe the different types of tree canopies.                     | K3(9)  |
| 6)  | Interpret the role of scion in determining canopy characteristics.               | K5(10) |
| 7)  | How do rootstock and scion combinations affect fruit quality?<br>Conclude        | K4(12) |
| 8)  | Conclude management technique for growth and development of pomegranate          | K5(15) |
| 9)  | Assess the role of canopy management in extending the fruiting season.           | K5(15) |
| 10) | Elaborate the following terms: i) Scion ii) Rootstock iii) Interstock            | K6(18) |