

**M.Sc. (Ag.) Examination, 2017**  
**Semester-II**  
**Horticulture**  
**Course – HOR-513**  
**(Subtropical and Temperate Fruit Production)**

**Time: 3 Hours**

**Full Marks: 50**

*Questions are of value as indicated in the margin.*

Answer **any five** questions

1. Briefly discuss about the varieties, rootstocks and propagation of apple. 10
  2. Discuss the production technology of litchi highlighting varieties, soil and climatic requirement, propagation and planting, nutrient management and harvesting. 10
  3. Briefly enumerate the varieties, rootstocks and major training systems of grape. 10
  4. Briefly describe the cultivation technology of bael stating varieties, soil and climate, propagation and planting, nutrient management and harvesting. 10
  5. Enumerate the production technology of almond with emphasis on soil and climate, varieties, propagation, nutrient management and harvesting. 10
  6. Describe the package of practices for plum stating varieties, climatic requirement, rootstocks and nutrient management. 10
  7. Write down the improved cultivation techniques of carambola with special reference to varieties, soil, climate, propagation and planting, manuring, irrigation and harvesting. 10
  8. Write short notes on the following (**any five**): 2×5=10
    - a) Rootstocks of peach
    - b) Types of pear
    - c) Flowering and fruiting of kiwi fruit
    - d) Crop regulation of pomegranate
    - e) Chilling requirement of pear
    - f) Seedlessness in grape
    - g) Maturity indices of apple
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