

**M.Sc.(Ag.) Semester – I Examination, 2014**

**Horticulture**

**Course : HOR – 502**

**(Fundamentals of Fruit, Vegetable and Ornamental Crops)**

**Time: 3 Hours**

**Full Marks: 50**

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

Answer **any five** questions.

1. Discuss in detail the importance of horticultural crops in nutritional security and national economy. 10
  2. Write in brief the important vegetative propagation techniques of fruit crops with neat sketches. 10
  3. Draw and label a model kitchen garden plan for a family of five with vegetables to be grown in different seasons. What are the principles to be followed in laying out the above garden? 10
  4. Define garden. What do you mean by garden style? Briefly discuss important features of Mughal Garden. 1+3+6=10
  5. Discuss in brief about Bonsai. 10
  6. Briefly discuss certain basic considerations for establishing an orchard. 10
  7. Write in brief about rock garden and water garden with suitable diagram. 10
  8. Write short notes on the following (**any two**): 5×2=10
    - (a) Agro climatic zones of India.
    - (b) Stock-scion relationship.
    - (c) Marketing and export potential of vegetable crops.
    - (d) Bio-aesthetic planning.
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