

M.Sc. (Ag.) Examination, 2017
Semester-II
Horticulture
Course No: HOR-533
(Production Technology of Loose Flowers)

Time: 3 Hours

Full Marks: 50

Questions are of the value as indicated in the margin
*Answer **any five** of the following questions.*

1. Briefly discuss the importance, scope and limitations of loose flower production and trade in India. 10
 2. Discuss the production technology of jasmine highlighting varieties, soil and climatic requirement, nursery management and planting, nutrient management and harvesting. 10
 3. Briefly enumerate the production technology of chrysanthemum for loose flower production with special reference to varieties, preparation of cuttings, planting, nutrient management and harvesting. 10
 4. Mention different major species of rose considered for oil production and their cultivation practices. 10
 5. Discuss the production technology of tuberose for loose flower stating the soil and climatic requirement, varieties, planting requirement, nutrient management, harvesting and yield. 10
 6. What do you mean by non-traditional flowers? Site the examples of four non-traditional flowers with their botanical name, family and uses. 10
 7. Write down the improved cultivation techniques of marigold with special reference to varieties, soil and climate, propagation and planting, manuring and irrigation and harvesting. 10
 8. Write short notes on the following (***any four***): 2.5x4=10
 - a. Extraction of essential oils from flowers
 - b. Cultural hints for gomphrena
 - c. Traditional uses of loose flowers
 - d. Lifting of bulb in tuberose
 - e. Wintering of rose
 - f. Different species of lotus
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