

KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Agriculture – 2008 Admission - IIIrd Semester
Final Examination – January-February 2010

Cat. No. : Hort 2103

Title : Landscaping and Ornamental Horticulture (1+1)

Max. marks: 80

Time : 3 hours

I Match the following

(1x10 = 10)

1. Topiary
2. Bulb
3. Palm
4. Cactus
5. Sword Lilly
6. Cut flower
7. Lawn
8. Garden adornment
9. Fern
10. Climber

Anthurium
Opuntia
Fountain
Platycerium
Thumbergia
Zoyzea sp
Raphis excelsa
Tuberose
Gladiolus
Phyllanthus nivosus

II Write short notes on ANY TEN of the following

(10x3=30)

1. Propagation and planting media in orchids
2. Climbers and creepers in a garden
3. Production technology of marigold
4. Water garden
5. Cut foliages
6. Colour scheme for annual flowering plants in a garden
7. Maintenance of lawn
8. Paths and walks in a garden
9. Rock garden
10. Intergeneric crosses in orchids
11. Comment on gladiolus cultivation in Kerala
12. Principles of flower arrangement

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III Write short essays on ANY SIX of the following (6X5 = 30)

1. What is meant by landscape architecture? Explain the principles, materials, designs and process of landscape gardening.
2. Discuss briefly the components of a garden with special reference to hedges, edges, flower beds and borders
3. Narrate the history of gardening in India and differentiate between formal and informal gardens
4. How trees are important in landscapes? Write down briefly the cultivation practices of any 5 important ornamental trees
5. Give a SWOT analysis of Kerala floriculture
6. Japanese garden
7. Protected cultivation of rose
8. Post harvest losses in cut flowers and technologies to extend the vase life

IV Write essay on ANY ONE of the following (1X10 = 10)

1. Indoor gardening
2. Write down the following with respect to anthurium
 - a. Classification
 - b. Important varieties
 - c. Propagation methods
 - d. Environment requirement
 - e. Media and containers
 - f. Nutrition
 - g. Harvesting and post harvesting handling
 - h. Plant protection