

M.Sc.(Ag.) Semester – III Examination, 2014

Horticulture

Course : HOR– 532

(Production Technology of Cut Flowers)

Time: 3 Hours

Full Marks: 50

Questions are of value as indicated in the margin.

Answer **any five** questions.

1. State briefly the scope of cut flower production in India. Enumerate the global scenario of production of cut flower. 5+5=10
 2. Highlight the growing environment and media requirement in protected cultivation of cut flowers. How flower forcing can be done by physiological, chemical and environmental manipulation. 4+6=10
 3. Enlist varieties of roses suitable for cut flower production. Describe the doses of different organic and inorganic nutrients and their application schedule in production of cut roses. Write in brief about the harvesting and grading of roses. 3+4+3=10
 4. Describe briefly the protected cultivation of anthurium stating varieties, environmental requirement, media requirement, nutrient management and harvesting. 2+2+2+2+2=10
 5. State the environmental requirement, propagation and planting, media composition, nutrient management, harvesting and packaging of cymbidium orchid. 2+2+2+2+2=10
 6. Write in brief about the scientific package of practices of tuberose or gladiolus with special reference to soil and climatic requirement, varieties, propagation and planting, nutrient management and harvesting. 2+2+3+2+1=10
 7. Enumerate the production technology of carnation stating the climatic and soil requirement, varieties, propagation and planting, nutritional management, harvesting and packaging. 2+2+2+2+2=10
 8. Write short notes on the following (**any four**): 2.5×4=10
 - (a) Role of humidity in production of orchids
 - (b) Propagation of gerbera and liliun
 - (c) Varieties of dahlia
 - (d) Wintering in rose
 - (e) Bud opening solution
 - (f) Cut foliages
-