

AMH07 ORNAMENTAL HORTICULTURE

UNIT-1 THEORY

- 1.1 History, definitions, scope and importance of ornamental horticulture, aesthetic values, Floriculture industry, area and production,
- 1.2 Industrial importance of ornamental plants and flowers.
- 1.3 Classification, design values and general cultivation aspects for ornamental plants viz. Annuals, biennales herbaceous perennials, grasses and bulbous ornamentals.
- 1.4 shrubs, climbers, trees, indoor plants, palms and cycads, ferns and sellagenellas, cacti and succulents, Importance,
- 1.5 Design and establishment of garden features/components viz. hedge, edge, borders, flower beds, bridges, paths, drives, fences, garden walls, gates, carpet bed, arbour, Patio, decking, retaining walls, shade garden, sunken garden, roof garden, terrace garden,
- 1.6 Pebble garden, rockery, pools, waterfalls, fountains, bog garden, avenue planting and children garden. Lawn types, establishment and maintenance.
- 1.7 Importance of Garden adornments viz. floral clock, bird bath, statutes, sculptures, lanterns, water basins, garden benches etc.
- 1.8 Importance of flower arrangement, Ikebana, techniques, types, suitable flowers and cut foliage, importance and application vertical garden, bottle garden, terrariums, art of making bonsai, culture of bonsai and maintenance.

UNIT-2 PRACTICAL

- 2.1 Identification and description of annuals, herbaceous, perennials, climbers, creepers, foliage flowering shrubs, trees, palms, ferns, ornamental grasses; cacti succulents.
- 2.2 Planning and designing gardens, layout of location of components of garden study, functional uses of plants in the landscape.
- 2.3 Planning design of house garden, roadside planting, avenues for new colonies, traffic islands, preparation of land for lawn and planting.
- 2.4 Description and design of garden structures, layout of rockery, water garden, terrace garden, and Japanese gardens, recreational and children's corner.
- 2.5 Layout of terrarium, traffic islands, bottle garden, dish garden.
- 2.6 Flower arrangement, bonsai practicing and training. Visit to nearby gardens.
- 2.7 Identification and description of species/varieties of jasmine, chrysanthemum, marigold, dahlia, gladiolus, carnation, aster and their important inter-culture practices.

References Books:

1. Bose, T. K. and Chowdhury, B. 1991. Tropical Garden Plants in colour .Horticulture and allied publishers, 3D Madhab Chatterjee Street Kolkata.
2. K.V.Peter.2009.Ornamental plants. New India publishing agency, Pitampura, New Delhi.
3. Richard Bird. 2002. Flowering trees and shrubs. Printed in Singapore by Star Standard Industries pvt. Ltd.