

HORTICULTURE (CODE NO. 816)
CLASS XII (SESSION 2019-2020)

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Theory	60 marks
Practical	40 marks
Total Marks	100 marks

❖ **PART A: EMPLOYABILITY SKILLS**

- Unit 1: Communication Skills
- Unit 2: Self-Management Skills
- Unit 3: Basic ICT Skills
- Unit 4: Entrepreneurial Skills
- Unit 5: Green Skills

❖ **PART B:**

- Unit 1: Present scenario and scope of floriculture in global market
- Unit 2: Employment avenues in floriculture sector
- Unit 3: Study of outdoor room concept: public area, private area and service area
- Unit 4: Different features of gardens like gate, walls, arches, pergolas, paths, roads, edges, hedges, stepping stones, sun dial, bird bath, statues, water fountain, lawns, herbaceous borders, bonsai, topiary etc.
- Unit 5: Concept of CAD (Computer aided designs) for landscape designs.
- Unit 6: Methods of establishing lawns and their management including irrigation, fertilization, mowing, insect-pest and diseases and their control.
- Unit 7: Production of indoor plants and their maintenance.
- Unit 8: Commercial cultivation of rose, chrysanthemum, gladiolus, marigold, tuberose, jasmine and crossandra.
- Unit 9: Protected cultivation of commercial flower crops like rose, carnation, chrysanthemum, gerbera, orchids, antirrhinum etc.
- Unit 10: Flower arrangements: types and styles..
- Unit 11: Methods of dry flower making like air drying, embedded drying, water drying, press drying, glycerine drying, freeze drying etc. and other value added products.
- Unit 12: Post-harvest handling of commercial flower crops including harvesting, pre cooling, pulsing, holding, dry and wet storage, packing, packaging and transportation.

❖ **PART C: PRACTICAL WORK**

- Practical Examination
- Written Test
- Viva Voce

❖ **PART D: PROJECT WORK / FIELD VISIT**

- Practical File / Student Portfolio