

CBSE | DEPARTMENT OF SKILL EDUCATION CURRICULUM FOR SESSION 2020-2021

HORTICULTURE (SUBJECT CODE 816)

JOB ROLE: FLORICULTURIST (PROTECTED/ENTREPRENEUR)

RATIONALIZED CURRICULUM FOR CLASS XII SESSION 2020-2021

Total Marks: 100 (Theory-60 + Practical-40)

	UNITS	NO. OF HOURS for Theory and Practical		MAX. MARKS for Theory and Practical
		Theory	Practical	Marks
Part A	Employability Skills			
	Unit 1: Communication Skills- IV	10		10
	Unit 2: Self-Management Skills- IV	10		
	Unit 3: ICT Skills- IV	10		
	Unit 4: Entrepreneurial Skills- IV	15		
	Unit 5: Green Skills- IV	05		
	Total	50		10
Part B	Subject Specific Skills			
	Unit 1: Present scenario and scope of floriculture in global market	08		05
	Unit 2: Employment avenues in floriculture sector	08		06
	Unit 3: Study of outdoor room concept: public area, private area and service area	08		06
	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.	15		08
	Unit 5: Concept of CAD (Computer Aided Designs) for landscape designs.	10		04
	Unit 6: Methods of establishing lawns and their management including irrigation, fertilization, Mowing, insect-pest and diseases and their control.	10		03
	Unit 7: Production of indoor plants and their maintenance.	10		02
	Unit 8: Commercial cultivation of rose, chrysanthemum, gladiolus, marigold, tuberose, jasmine and crossandra.	25		02
	Unit 9: Protected cultivation of commercial flower crops like rose, carnation, chrysanthemum, gerbera, orchids, antirrhinum etc.	25		02

	UNITS	NO. OF HOURS for Theory and Practical		MAX. MARKS for Theory and Practical
	Unit 10: Flower arrangements: types and styles.	10		05
	Unit 11: Methods of dry flower making like air drying, embedded drying, water drying, press drying, glycerin drying, freeze drying etc. and other value added products.	11		04
	Unit 12: Post-harvest handling of commercial flower crops including harvesting, pre cooling, pulsing, holding, dry and wet storage, packing, packaging and transportation.	20		03
	Total	160	50	50
Part C	Practical Work			
	Practical Examination			15
	Written Test			10
	Viva Voce			05
	Total			30
Part D	Project Work/ Field Visit			
	Practical File/ Student Portfolio			10
	Total			10
GRAND TOTAL				100

DETAILED CURRICULUM/TOPICS FOR CLASS XII:

Part-A: EMPLOYABILITY SKILLS

S. No.	Units	Duration(in Hours)
1.	Unit 1: Communication Skills- IV	10
2.	Unit 2: Self-management Skills- IV	10
3.	Unit 3: Information and Communication Technology Skills- IV	10
4.	Unit 4: Entrepreneurial Skills- IV	15
5.	Unit 5: Green Skills- IV	05
	TOTAL DURATION	50

NOTE: For Detailed Curriculum/ Topics to be covered under Part A: Employability Skills can be downloaded from CBSE website.

Part-B – SUBJECT SPECIFIC SKILLS

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. (Other features like rock garden, vertical garden, shrubbery, dry wall, water garden to be assessed in practicals only, no question to be asked in theory examination from this portion)
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 to be assessed in practicals only, no question to be asked in theory examination from this portion)
Unit-7	Production of indoor plants and their maintenance (Nutrition, irrigation, insect-pest and diseases and their control to be assessed in practicals only, no question to be asked in theory examination from this portion)
Unit-8	Commercial cultivation of rose, chrysanthemum, gladiolus, marigold, tuberose, jasmine and crossandra. (Propagation method, planting time, planting distance, harvesting (To be assessed in practicals only, no question to be asked in theory examination from this portion)
Unit-9	Protected cultivation of commercial flower crops like rose, carnation, chrysanthemum, gerbera, orchids, antirrhinum etc. (Propagation method, planting time, planting distance, harvesting to be assessed in practicals only, no question to be asked in theory examination from this portion)
Unit-10	Flower arrangements: types and styles
Unit-11	Methods of dry flower making like air drying, embedded drying, water drying, press drying, glycerin drying, freeze drying etc. and other value added products (Preparation of value added products to be assessed in practicals only, no question to be asked in theory examination from this portion)
Unit-12	Post-harvest handling of commercial flower crops including harvesting, pre-cooling, pulsing, holding, dry and wet storage, (packing, packaging and transportation to be assessed in practicals only, no question to be asked in theory examination from this portion)