

# CBSE | DEPARTMENT OF SKILL EDUCATION

## HORTICULTURE (SUBJECT CODE - 816)

### Blue-print for Sample Question Paper for Class XII (Session 2024-2025)

Max. Time: 3 Hours

Max. Marks: 60

#### PART A - EMPLOYABILITY SKILLS (10 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	
1	Communication Skills- III	1	1	2
2	Self-Management Skills- III	2	1	3
3	ICT Skills- III	1	1	2
4	Entrepreneurial Skills- III	1	1	2
5	Green Skills- III	1	1	2
TOTAL QUESTIONS		6	5	11
NO. OF QUESTIONS TO BE ANSWERED		Any 4	Any 3	07
TOTAL MARKS		1 x 4 = 4	2 x 3 = 6	10 MARKS

#### PART B - SUBJECT SPECIFIC SKILLS (50 MARKS):

UNIT NO.	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANS. TYPE QUES.- I	SHORT ANS. TYPE QUES.- II	DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARKS EACH	3 MARKS EACH	4 MARKS EACH	
Unit1	Present scenario and scope of floriculture in global market	3	-	-	1	4
Unit2	Employment avenues in floriculture sector	2	-	1	-	3
Unit3	Study of outdoor room concept: public area, private area and service area	3	1	1	-	5

<b>Unit4</b>	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.	3	1	1	-	5
<b>Unit5</b>	Concept of CAD (Computer aided designs) for landscape designs	2	-	-	-	2
<b>Unit6</b>	Methods of establishing lawns and their management including irrigation, fertilization, mowing, insect-pest and diseases and their control.	3	1	-	1	5
<b>Unit7</b>	Production of indoor plants and their maintenance.	3	-	-	-	3
<b>Unit8</b>	Commercial cultivation of rose, chrysanthemum, gladiolus, marigold, tuberose, jasmine and crossandra.	3	-	-	-	3
<b>Unit9</b>	Protected cultivation of commercial flower crops like rose, carnation, chrysanthemum, gerbera, orchids, antirrhinum etc).	3	-	-	1	4
<b>Unit10</b>	Flower arrangements: types and styles.	1	1	-	-	2

<b>Unit11</b>	Methods of dry flower making like air drying, embedded drying, water drying, press drying, glycerin drying, freeze drying etc. and other valueadded products.	3	1	-	1	5
<b>Unit12</b>	Post-harvest handling of commercial flower crops including harvesting, pre cooling, pulsing, holding, dry and wet storage, packing, packaging and transportation.	3	-	-	1	4
<b>TOTAL QUESTIONS</b>		<b>32</b>	<b>5</b>	<b>3</b>	<b>5</b>	<b>45</b>
<b>NO. OF QUESTIONS TO BE ANSWERED</b>		<b>26</b>	<b>Any 3</b>	<b>Any 2</b>	<b>Any 3</b>	<b>34</b>
<b>TOTAL MARKS</b>		<b>1 x 26 = 26</b>	<b>2 x 3 = 6</b>	<b>3 x 2 = 6</b>	<b>4 x 3 = 12</b>	<b>50 MARKS</b>

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## HORTICULTURE (SUBJECT CODE- 816)

### Sample Question Paper for Class XII (Session 2024-2025)

Max. Time: 3 Hours

Max. Marks: 60

#### General Instructions:

1. Please read the instructions carefully.
2. This Question Paper consists of **24 questions** in two sections – Section A & Section B.
3. Section A has Objective type questions whereas Section B contains Subjective type questions.
4. **Out of the given (6 + 18 =) 24 questions, a candidate has to answer (6 + 11 =) 17 questions in the allotted (maximum) time of 3 hours.**
5. All questions of a particular section must be attempted in the correct order.

#### 6. SECTION A - OBJECTIVE TYPE QUESTIONS (30 MARKS):

- i. This section has 06 questions.
- ii. There is no negative marking.
- iii. Do as per the instructions given.
- iv. Marks allotted are mentioned against each question/part.

#### 7. SECTION B – SUBJECTIVE TYPE QUESTIONS (30 MARKS):

- i. This section contains 18 questions.
- ii. A candidate has to do 11 questions.
- iii. Do as per the instructions given.
- iv. Marks allotted are mentioned against each question/part.

## **SECTION A: OBJECTIVE TYPE QUESTIONS**

Q 1.	<b>Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks)</b>	
i.	Soft Skills are known as _____ a) People skills b) Personal skills c) Audience Skills d) Receiver Skills	<b>1</b>
ii.	In Acronym SMART, the letter 'R' stands for: a) Rational b) Recognize c) Realistic d) Reassure	<b>1</b>
iii.	Five Factor Model (FFM) is applicable in: a) Stress Management b) Personality c) Motivation d) Positive Attitude	<b>1</b>
iv.	Power Point is a presentation software belongs to a) Apple b) Google c) Microsoft Office d) OpenOffice	<b>1</b>
v.	The ability to continue to do something, even when it is difficult is called: a) Decisiveness b) Organizational skill c) Interpersonal skills d) Perseverance	<b>1</b>
vi.	What are the 3R's?	<b>1</b>

<b>Q.2</b>	<b>Answer any 5 out of the given 7 questions (1 x 5 = 5 marks)</b>	
i.	Write the common method of propagation of lawn/turf grasses?	<b>1</b>
ii.	Name flower crop which is being used to express love on Valentine Day?	<b>1</b>
iii.	Name any two traditional flower crops to be used for loose flower purpose?	<b>1</b>
iv.	Write the name of top ranked flower crops in the international market?	<b>1</b>
v.	Name any two employment avenues in floriculture sector?	<b>1</b>
vi.	Write any two universities offering floriculture courses?	<b>1</b>
vii.	Name any two general functions for home landscaping?	<b>1</b>

<b>Q.3</b>	<b>Answer any 6 out of the given 7 questions (1 x 6 = 6 marks)</b>	
i.	Write the name of two popular varieties of rose flower grown under protected structures?	<b>1</b>
ii.	Name any two functions of private area of any home?	<b>1</b>
iii.	Write the name of two climbers used to make arches in the garden?	<b>1</b>
iv.	Write the scientific name of Bermuda/Doob grass used for making lawn?	<b>1</b>
v.	Name any two shrubs used for edging purpose?	<b>1</b>
vi.	Name any two tangible features/ornaments of the garden?	<b>1</b>
vii.	Write the two major diseases of any lawn?	<b>1</b>

<b>Q.4</b>	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	What is the Full form of CAD?	<b>1</b>
ii.	Name any two most commonly used CAD software's?	<b>1</b>
iii.	Name any two foliage indoor plants that can grow under low light conditions?	<b>1</b>
iv.	Write any two indoor plants propagated through stem cuttings?	<b>1</b>
v.	Name any two most common insects of indoor plants?	<b>1</b>
vi.	What is the scientific name of African and French marigold flower crops?	<b>1</b>

Q.5	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Name any two flower crops used for both cut and loose flower purpose?	1
ii.	Write the names of any two fragrant flower crops?	1
iii.	Name any two varieties of carnation grown under protected cultivation?	1
iv.	Name any two orchids having epiphytic growth habit?	1
v.	Name any two types of Japanese flower arrangement?	1
vi.	Write any two features of public area of outdoor rooms?	1

Q.6	<b>Answer any 5 out of the given 6 questions (1 x 5 = 5 marks)</b>	
i.	Name any two desiccants commercially used for drying of flowers?	1
ii.	Write two methods of drying of flowers and foliage?	1
iii.	Name any two flower crops suitable for water drying?	1
iv.	Name any two common post-harvest disorder of rose flower crop?	1
v.	Write the storage temperature of gerbera flowers?	1
vi.	What is the name of process of removing field heat from flowers?	1

### **SECTION B : SUBJECTIVE TYPE QUESTIONS**

**Answer any 3 out of the given 5 questions on Employability Skills (2 x 3 = 6 marks)**

**Answer each question in 20 – 30 words.**

Q 7.	What are the various factors that affect Active listening?	2
Q 8.	Suggest any four ways in which a person can handle the stress?	2
Q 9.	Enlist any four advantages of Presentation Software.	2
Q 10.	What do you understand by the term technical entrepreneurs?	2
Q 11.	What are the benefits of Green Jobs?	2

**Answer any 3 out of the given 5 questions in 20 – 30 words each (2 x 3 = 6 marks)**

Q.12	What do you understand by term Topiary?	2
Q.13	What is service area of outdoor room concept?	2
Q.14	Define mowing and rolling in lawn management?	2

Q.15	What is flower arrangement?	2
Q.16	What do you understand by freeze drying?	2

**Answer any 2 out of the given 3 questions in 30– 50 words each (3 x 2 = 6 marks)**

Q.17	Differentiate between public area and private area of outdoor room concept?	3
Q.18	Write about plant nursery and seed production employment avenue of floriculture sector?	3
Q.19	Differentiate between edge and hedge with suitable examples of plants?	3

**Answer any 3 out of the given 5 questions in 50– 80 words each (4 x 3 = 12 marks)**

Q.20	Write about present scenario and scope of floriculture in India?	4
Q.21	Describe in detail about establishment methods, various maintenance operations, diseases and insects of the lawn?	4
Q.22	Write the protected cultivation of rose with respect to soil and climate, varieties, major insects-pests and diseases.	4
Q.23	Write in detail about the different methods of drying of flowers and enlist various value-added floral products?	4
Q.24	Write in detail about the different methods of storage of commercial flowers?	4