

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 |

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

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|----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------|------------------|-------------------|-----------------|
| Unit11 | 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 |
| Unit12 | Post-harvest handling of commercial flower crops including harvesting, pre cooling, pulsing, holding, dry and wet storage, packing, packaging and transportation. | 3 | - | - | 1 | 4 |
| TOTAL QUESTIONS | | 32 | 5 | 3 | 5 | 45 |
| NO. OF QUESTIONS TO BE ANSWERED | | 26 | Any 3 | Any 2 | Any 3 | 34 |
| TOTAL MARKS | | 1 x 26 = 26 | 2 x 3 = 6 | 3 x 2 = 6 | 4 x 3 = 12 | 50 MARKS |

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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. | Answer any 4 out of the given 6 questions on Employability Skills (1 x 4 = 4 marks) | |
| i. | Soft Skills are known as _____ a) People skills b) Personal skills c) Audience Skills d) Receiver Skills | 1 |
| ii. | In Acronym SMART, the letter 'R' stands for: a) Rational b) Recognize c) Realistic d) Reassure | 1 |
| iii. | Five Factor Model (FFM) is applicable in: a) Stress Management b) Personality c) Motivation d) Positive Attitude | 1 |
| iv. | Power Point is a presentation software belongs to a) Apple b) Google c) Microsoft Office d) OpenOffice | 1 |
| 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 | 1 |
| vi. | What are the 3R's? | 1 |

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

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

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

| | | |
|------|------------------------------------------------------------------------|---|
| Q.5 | Answer any 5 out of the given 6 questions (1 x 5 = 5 marks) | |
| 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 |

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| Q.6 | Answer any 5 out of the given 6 questions (1 x 5 = 5 marks) | |
| 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.

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|-------|----------------------------------------------------------------|---|
| 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 |