

CBSE | DEPARTMENT OF SKILL EDUCATION

HORTICULTURE (SUBJECT CODE - 816)

CLASS XII (SESSION 2021-2022)

BLUE-PRINT FOR SAMPLE QUESTION PAPER FOR TERM - II

Max. Time Allowed: 1½ Hours (90 min)

Max. Marks: 30

PART A - EMPLOYABILITY SKILLS (05 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS - VSA (1 MARK EACH)	NO. OF QUESTIONS - SA (2 MARKS EACH)	NO. OF QUESTIONS - LA (4 MARKS EACH)	TOTAL NUMBER OF QUESTIONS
4	Entrepreneurial Skills-IV	2	1	-	3
5	Green Skills-IV	2	1	-	3
TOTAL QUESTIONS		4	2	-	06
NO. OF QUESTIONS TO BE ANSWERED		Any 3	Any 1	-	04
TOTAL MARKS		3 x 1 = 3 Marks	1 x 2 = 2 Marks	-	05 Marks

PART B - SUBJECT SPECIFIC SKILLS (25 MARKS):

UNIT NO.	NAME OF THE UNIT	NO. OF QUESTIONS - VSA (1 MARK EACH)	NO. OF QUESTIONS - SA - I (2 MARKS EACH)	NO. OF QUESTIONS - SA - II (3 MARKS EACH)	NO. OF QUESTIONS - LA (4 MARKS EACH)	TOTAL NUMBER OF QUESTIONS
5	Concept of CAD (Computer aided designs) for landscape designs	3	-	-	-	3
6	Methods of establishing lawns and their management including-irrigation, fertilization, mowing, insect-pest and diseases and their control.	2	-	-	-	2
7	Production of indoor plants and their maintenance	2	1	-	-	3
8	Commercial cultivation of – Rose, Chrysanthemum, Gladiolus, marigold, Tuberose, Jasmine & Crossandra.	-	2	1	-	3
9	Protected cultivation of commercial flower crops like Rose, Carnation, Chrysanthemum, Gerbera, Orchids, Anthrrhinum etc.	-	1	1	1	3

10	Flower arrangements : Types and Styles	-	1	-	-	1
11	Methods of dry flower making like Airdrying, Embedded drying, water drying, press drying, Glycerin drying, Freeze Drying etc and other value added products.	-	-	1	1	2
12	Post harvest handling of commercial flower crops including – Harvesting, Pre-Cooling, Pulsing, Holding, dry and wet storage, packing, packeging and transportation	-	-	1	1	2
TOTAL QUESTIONS		07	05	04	03	18
NO. OF QUESTIONS TO BE ANSWERED		05	03	02	02	11
TOTAL MARKS		5 x 1 = 05 Marks	3 x 2 = 06 Marks	2 x 3 = 06 Marks	2 x 4 = 08 Marks	20 Marks
TOTAL MARKS		20+5= 25 MARKS				

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Max. Time Allowed: 1 ½ Hours (90 min)

Max. Marks: 30

General Instructions:

- Please read the instructions carefully
- This Question Paper is divided into 03 sections, viz., Section A, Section B and Section C.
- Section A is of 05 marks and has 06 questions on Employability Skills.
 - Questions numbers 1 to 4 are one mark questions. Attempt any three questions.
 - Questions numbers 05 and 06 are two marks questions. Attempt any one question.
- Section B is of 17 marks and has 16 questions on Subject specific Skills.
 - Questions numbers 7 to 13 are one mark questions. Attempt any five questions.
 - Questions numbers 14 to 18 are two marks questions. Attempt any three questions.
- Section C is of 08 marks and has 03 competency-based questions.
 - Questions numbers 19 to 21 are four marks questions. Attempt any two questions.
- Do as per the instructions given in the respective sections.
- Marks allotted are mentioned against each section/question.

Section A

(3+2 =5)

Answer any 03 questions out of the given 04 questions		1 × 3 = 3
Q. 1	Write the one important quality that makes an entrepreneur successful.	1
Q. 2	Rahul focus on developing solutions which benefits the entire society, Which type of entrepreneur Rahul is?	1
Q. 3	Greenhouse gas emissions can be minimised by	1
Q. 4	Type of farming that avoids the use of synthetic pesticides in crop plants	1
Answer any 01 question out of the given 02 questions		1 × 2 = 2
Q. 5	Define organic farming. Discuss different ways of green job in agriculture	2
Q. 6	What should be the qualities of a successful entrepreneur?	2

Section B

(5+6+7 =17)

Answer any 05 questions out of the given 07 questions		1 × 5 = 5
Q. 7	Write the name of two important CAD software's used in landscaping	1
Q. 8	CAD is simply defined as	1
Q. 9	Which is a major turf grass species for sport fields, lawns, parks, golf courses and general utility turfs?	1
Q. 10	In indoor plants, light intensity receives in foot-candles (indirect light exposures)	1
Q. 11	Which is the main operating system for CAD systems?	1

Q. 12	Major pest attack roots of lawn grass and lawn look like wilt and dry in patches at the site of attack.	1
Q. 13	Indoor plant used for indirect light conditions (west window)	1
Answer any 03 questions out of the given 05 questions		2 × 3 = 6
Q. 14	Enlist the factors affecting growth of indoor plants	2
Q. 15	Describe the propagation methods in rose cultivation	2
Q. 16	Write the climate and soil requirement for tuberose cultivation	2
Q. 17	Why protected cultivation is important in flower crops cultivation?	2
Q. 18	Describe the fan shape flower arrangement style	2
Answer any 02 questions out of the given 04 questions		3 × 2 = 6
Q. 19	What is pre-cooling? Write the advantages of pre-cooling in post harvest handling of flower crops	3
Q. 20	Write the importance of flower drying with important value added products of dry flowers	3
Q. 21	Describe pinching, de-shooting and disbudding in chrysanthemum cultivation	3
Q. 22	Write the name of three important cultivar of Gerbera for protected cultivation	3

Section C (2 × 4 = 8)
(COMPETENCY BASED QUESTIONS)

Answer any 02 questions out of the given 03 questions		2 × 4 = 8
Q. 23	Describe in detail about different flower drying methods along with their advantages	4
Q. 24	What are the different method to improve the post-harvest life and quality of cut flowers? Describe in detail.	4
Q. 25	Write the protected cultivation of carnation on the following heads: (a) Propagation (b) Planting time (c) Nutrition (d) Pinching	4