

Question Paper

Conducted by the Central Board of Secondary Education (CBSE)



Time Allowed: 3 Hours

Maximum Marks: 60

General Instructions

- (i) Please read the instructions carefully.
- (ii) This question paper consists of 24 questions in two Sections : Section A and Section B.
- (iii) Section A has Objective Type Questions, whereas Section B contains Subjective Type Questions.
- (iv) 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.
- (v) All questions of a particular section must be attempted in the correct order.
- (vi) Section A : Objective Type Questions (30 marks) : (a) This section has 6 questions. (b) There is no negative marking. (c) Do as per the instructions given. (d) Marks allotted are mentioned against each question/part.
- (vii) Section B : Subjective Type Questions (30 marks) : (a) This section has 18 questions. (b) A candidate has to do 11 questions. (c) Do as per the instructions given. (d) Marks allotted are mentioned against each question/part.

Section A

1. Answer any 4 out of the given 6 questions on Employability skills. $4 \times 1 = 4$

1(i). Which of the following is not a stage of active listening ?

- (A) Receiving (B) Understanding
(C) Non-responding (D) Evaluating

1(ii). State the meaning of the term "Motivation".

1(iii). Which of the following is not a part of "Big Five Factors" of personality ?

- (A) Openness (B) Timely
(C) Agreeableness (D) Neuroticism

1(iv). Which of the following is not a presentation software ?

- (A) Libre Office Impress (B) Apple Keynote
(C) Audacity (D) MS-PowerPoint

1(v). What is Startup ?

1(vi). There is a garbage bin in your class and it generally gets filled beyond capacity every day. What should you do ?

- (A) Throw garbage on the floor and walk away. (B) Talk to your friends about the problem.
(C) Talk to your teacher. (D) Suggest ways to reduce the amount of garbage collected.

2. Answer any 5 out of the given 7 questions. $5 \times 1 = 5$

2(i). What is the importance of flowers in human life ?

2(ii). Which part of the outdoor room (garden) is visible from the street ?

2(iii). Who is the developer of AutoCAD software ?

2(iv). Why are double pots useful for indoor plants ?

2(v). Which flower is also known as 'Rajnigandha' ?

2(vi). What is an outdoor room in landscape design ?

2(vii). Mention any one reason to follow proper post-harvest techniques in floriculture.

3. Answer any 6 out of the given 7 questions. $6 \times 1 = 6$

3(i). Write one advantage of having a lawn in a garden.

3(ii). Name one popular product of the dried flower industry.

3(iii). Write one environmental benefit of home landscaping.

3(iv). Name two biological factors which affect the growth of indoor plants.

3(v). Define protected cultivation.

3(vi). In protected cultivation, why is de-shooting done in Chrysanthemum ?

3(vii). Write any one ill-effect of harvesting flowers at an over-mature stage.

4. Answer any 5 out of the given 6 questions.
 $5 \times 1 = 5$

4(i). What is freestyle arrangement of flowers in floriculture ?

4(ii). Which area of horticulture is witnessing rapid growth in employment opportunities ?

4(iii). What do you mean by bird baths in a garden ?

4(iv). Name the fastest method of developing a lawn.

4(v). Why are the crocks placed in the inside bottom of the pots of indoor plants ?

4(vi). Gladiolus is commercially propagated through _____.

5. Answer any 5 out of the given 6 questions.
 $5 \times 1 = 5$

5(i). In the need analysis for an outdoor room, how many areas are identified ?

5(ii). Name two types of Marigold which are commercially cultivated.

5(iii). Which emotion does a Rose represent in flower language ?

5(iv). What is Ikebana ?

5(v). Write the family name of Orchids.

5(vi). Why do florists and decorators often prefer dried flowers over fresh flowers ?

6. Answer any 5 out of the given 6 questions.
 $5 \times 1 = 5$

6(i). Is ArchiCAD compatible with Windows and Mac operating system ?

6(ii). Best season to plant Rose in northern India is _____.

6(iii). What can act as a roof in outdoor room ?

6(iv). What is hedge ?

6(v). What features distinguish Morimono from other forms of floral art ?

6(vi). What is the rank of India globally in floriculture export ?

Section B

Answer any 3 out of the given 5 questions on Employability skills. Answer each question in 20 – 30 words. $3 \times 2 = 6$

7. State and briefly explain the types of objects used in a sentence.

8. Enlist the four ways to manage stress.

9. Write the steps to insert an image in a presentation.

10. Briefly explain any four types of entrepreneurs.

11. Write any four benefits of green jobs.

Answer any 3 out of the given 5 questions in 20 – 30 words each. $3 \times 2 = 6$

12. Differentiate between formal and informal edges.

13. Name and describe any two types of educational institutions in India which offer floriculture courses.

14. Write any two differing features of Eastern style (Ikebana) and Western style of flower arrangement.

15. Explain the importance of the following indirect support systems in commercial floriculture :

(a) Cold storage

(b) Horticultural inputs

16. List two important factors to be considered while selecting the site for establishment of lawn.

Answer any 2 out of the given 3 questions in 30 – 50 words each. $2 \times 3 = 6$

17. (a) What are enrichment items in outdoor rooms ?

(b) Name two natural tangible enrichment items seen in outdoor room.

(c) Write two examples of intangible enrichment items of outdoor room.

18. Mention any three beneficiaries of CAD in landscaping.

19. Name and explain the primary post-harvest problem associated with the following flowers :

- (a) Carnation
- (b) Gerbera
- (c) Gladiolus

Answer any 3 out of the given 5 questions in 50 – 80 words each. $3 \times 4 = 12$

20. Read the passage and answer the questions that follow :

Management of a school plans to redesign their school garden so as to include a lawn, flower beds, a small water fountain and a sitting area for students. The school administration has limited knowledge of landscaping and is not willing to hire a professional landscape architect. Ultimately it was decided to use a CAD software for redesigning the school garden.

- (a) Explain the role of CAD in landscape design.
- (b) Name any two CAD software which the school can use for redesigning their school garden.

21. What are the various factors which support floriculture in India ?

22. Answer the following questions on management of indoor plants :

- (a) While caring and management of indoor plants, explain the importance of proper watering.
- (b) List two factors which influence the frequency of watering indoor plants.

23. Answer the following questions on private area of an outdoor room :

- (a) What is the private area of outdoor room and how is the privacy of private room ensured ?
- (b) Mention two ways by which plants enhance the experience of a private area or family area in landscaping.

24. List any four methods used for drying flowers and explain any one method of flower drying.

- End of Question Paper -