

## Question Paper

Conducted by the Central Board of Secondary Education (CBSE)



Time Allowed: 1.5 Hours

Maximum Marks: 30

### General Instructions

- (i) Please read the instructions carefully.
- (ii) This question paper is divided into three sections: Section A, Section B and Section C.
- (iii) Section A carries 5 marks and has 6 questions on Employability Skills. Questions 1–4 carry 1 mark each; attempt any three. Questions 5 and 6 carry 2 marks each; attempt any one.
- (iv) Section B carries 17 marks and has 16 questions on Subject Specific Skills. Questions 7–13 carry 1 mark each; attempt any five. Questions 14–18 carry 2 marks each; attempt any three. Questions 19–22 carry 3 marks each; attempt any two.
- (v) Section C carries 8 marks and has 3 Competency-Based Questions. Questions 23–25 carry 4 marks each; attempt any two.
- (vi) Follow the instructions given in the respective sections.
- (vii) Marks allotted are mentioned against each section/question.

## Section A

Answer any 3 questions out of the given 4 questions.  
 $3 \times 1 = 3$

1. Which one of the following is not a market entry related difficulty for an entrepreneur ?

- (A) Taxation                      (B) Lending  
(C) Licensing                    (D) Fear of failure
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2. \_\_\_\_\_ refers to establishing short or long-term objectives, usually along with incorporating deadlines and quantifiable measures.

- (A) Team-building              (B) Goal-setting  
(C) Decision-making          (D) Risk-taking
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3. \_\_\_\_\_ is a process of continually improving ideas and solutions by making gradual alterations and refinements.

- (A) Stress management      (B) Organizational skills  
(C) Negotiation skills        (D) Creativity
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4. Who ensures that environmental friendly things are used to build houses and buildings ?

- (A) Civil Engineer              (B) Green Builder  
(C) Green Design Professional      (D) Nature Scientist
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Answer any 1 question out of the given 2 questions.  
 $1 \times 2 = 2$

5. List any two green jobs related to solar energy.

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6. Write a short note on team building.

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## Section B

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

7. Which software is regarded as the first CAD software ?

8. What is the pH range for soilless media ?

- (A) 5.5 to 6.0 (B) 6.0 to 7.0  
(C) 7.0 to 8.0 (D) 5.0 to 5.5

9. Aloe barbadensis is a \_\_\_\_\_.

- (A) Low light plant (B) Medium light plant  
(C) High light plant (D) Ultraviolet light plant

10. Most of the indoor plants grow best at a day temperature ranging from \_\_\_\_\_ °C.

- (A) 18 to 24 (B) 7 to 13  
(C) 13 to 18 (D) 24 to 27

11. ArchiCAD was first developed by \_\_\_\_\_.

12. The most common weed in Indian lawn is \_\_\_\_\_.

- (A) Cyperus rotundus (B) Agrostis palustris  
(C) Poa pratensis (D) Cynodon dactylon

13. Which is the most destructive pest capable of causing massive damages to turf grounds ?

Answer any 3 questions out of the given 5 questions.  
 $3 \times 2 = 6$

14. Write a short note on light shade plants with an example.

15. What is the meaning of moribana ? Why is it called as natural ikebana ?

16. What is the use of Tissue culture in Cormel production ?

17. How is water drying done and which types of flowers are suitable for such drying ?

18. What is pinching ? How are the different types of pinching done in carnations ?

Answer any 2 questions out of the given 4 questions.  
 $2 \times 3 = 6$

19. What is Cormel dormancy in terms of plant physiology ? How is it broken ?

20. Write the precautions related to pulsing of gerbera.

21. How are budding heights of roses classified ? Give an example.

22. Describe any two diseases of lawn and their control.

## Section C

Answer any 2 questions out of the given 3 questions.  
 $2 \times 4 = 8$

**23.** How are orchids classified based on habitat and growing pattern ?

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**24.** Explain chrysanthemum protected cultivation under the following heads :  
(a) Environmental factors for growth and flowering  
(b) Propagation  
(c) Nutrition  
(d) Harvesting

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**25.** What is Ikebana ? Explain any four types.

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