

Total number of printed pages : 2

NB-XII/AG(V)/1

2023

Agriculture (Vocational)

Total marks : 50

Time : 2 hours

General instructions :

- i) *Approximately 15 minutes is allotted to read the question paper and revise the answers.*
- ii) *All questions are compulsory except Q. nos.18 to 23 where general option is given.*
- iii) *The question paper consists of 23 questions.*
- iv) *Marks allocated to every question are indicated against it.*

N.B: *Check that all pages of the question paper are complete as indicated on the top left side.*

1. Choose the correct answer from the given alternatives: 10x1=10

- i. Which of the following is not a stage of active listening?
 - (a) Receiving
 - (b) Understanding
 - (c) Non-responding
 - (d) Evaluating
- ii. Self management is also known as
 - (a) Self-discipline
 - (b) Self-control
 - (c) Self-awareness
 - (d) Self-defense
- iii. The short cut key for print command in spreadsheet is
 - (a) Control+P
 - (b) Control+V
 - (c) Control+Q
 - (d) Control+X
- iv. A company that is in its first stage of operation is called
 - (a) Start up
 - (b) Franchise
 - (c) Social enterprise
 - (d) Enterprise
- v. Organic gardening and farming is a component of
 - (a) Yellow jobs
 - (b) Blue jobs
 - (c) Red jobs
 - (d) Green jobs
- vi. Which of the following is the main constituent of chlorophyll that maintains a balance in the process of photosynthesis?
 - (a) Phosphorous
 - (b) Calcium
 - (c) Nitrogen
 - (d) Potassium
- vii. Which of the following is a common disease symptom of roses?
 - (a) Black spot
 - (b) Aster yellow
 - (c) Basal rot
 - (d) Cold injury
- viii. Korean velvet grass or carpet grass is also known as
 - (a) Zoysia matrella
 - (b) Zoysia tenuifolia
 - (c) Cynodon dactylon
 - (d) Paspalum Vaginatam
- ix. A row of trees grown on both sides of the roads is called
 - (a) Lawn
 - (b) Avenue
 - (c) Topiary
 - (d) Rockery
- x. Common jasmine is used for which purpose?
 - (a) Foliage
 - (b) Fillers
 - (c) Cut stems
 - (d) Fragrance

Answer the following questions in one word or one sentence:

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|---|---|
| 2. What are hedge plants? | 1 |
| 3. Name any two common insect pests of ornamental plants. | 1 |
| 4. What is topiary? | 1 |
| 5. What is water garden? | 1 |
| 6. What are fertilizers? | 1 |
| 7. Write any two features of the bottle brush tree. | 1 |
| 8. Mention any two grass varieties in India. | 1 |
| 9. What is spreadsheet? | 1 |

Answer the following questions in 20-50 words:

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| 10. What is communication? Write any two parts of communication. | 2 |
| 11. State any two ways to manage stress. | 2 |
| 12. Write any two needs for using biofertilizers. | 1+1=2 |
| 13. Differentiate between sprinkler and drip irrigation. | 2 |
| 14. Write any two ways to care and maintain a lawn. | 2 |
| 15. Write the two major kinds of damage to growing crops by insects. | 2 |
| 16. Mention any two aims of landscaping. | 2 |
| 17. Write any two uses of climbers and creepers. | 2 |

Answer any four from the following questions in 60-100 words:

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| 18. What is vermicomposting? Write three advantages of vermicomposting. | 1+3=4 |
| 19. Explain briefly any four types of manure application. | 4 |
| 20. Explain any two common cultural operations from the following.
(i) Harrowing (ii) Mulching (iii) Stalking | 2+2=4 |
| 21. Explain any four methods of lawn making. | 4 |
| 22. What is indoor gardening? Write any three advantages of indoor gardening. | 1+3=4 |
| 23. What is garden edging? Write three advantages of edging. | 1+3=4 |
