Reg. No. \_\_\_\_\_\_\_\_\_\_\_\_\_



**End Semester Examination – Nov / Dec – 2019**

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| **Code :** | **18HO2006** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PRODUCTION TECHNOLOGY OF TEMPERATE VEGETABLE CROPS** | **Max. Marks :** | **100** |

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| **Q. No.** | **Questions** | **Course Outcome** | **Marks** |
| **PART – A (20 X 1 = 20 MARKS)** | | | |
| 1. | Scientific name for Chinese cabbage is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 2. | Family of beetroot is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 3. | Pungency in radish is due to \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 4. | Whiptail of cauliflower is due to \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 5. | Zoning is caused in \_\_\_\_\_\_\_\_\_\_ crop. | CO2 | 1 |
| 6. | Spacing in rhubarb is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 7. | Economic part of broccoli is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 8. | Vitamin A is rich in \_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 9. | Molybdenum deficiency is high in \_\_\_\_\_\_\_\_\_\_ soils. | CO1 | 1 |
| 10. | Pungency in garlic is due to \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 11. | What is the seed rate of carrot? | CO2 | 1 |
| 12. | Name any two varieties of turnip. | CO2 | 1 |
| 13. | Cracking in cabbage is due to \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 14. | Forking is a disorder in \_\_\_\_\_\_\_\_\_\_ crop. | CO2 | 1 |
| 15. | Pigment responsible for colour in beetroot is \_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 16. | Yield in knoll - khol is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 17. | Crop duration in lettuce is \_\_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 18. | What is the harvest interval in spinach? | CO2 | 1 |
| 19. | Scientific name for globe artichoke is \_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 20. | Sprouting in onion can be prevented by \_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |

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| **PART – B (10 X 5 = 50 MARKS)**  **(Answer any 10 from the following)** | | | |
| 21. | Explain: Physiological disorder in carrot. | CO2 | 5 |
| 22. | Explain: Categories of Lettuce. | CO1 | 5 |
| 23. | Define : Bolting. | CO2 | 5 |
| 24. | What are the weed control methods in garlic? | CO2 | 5 |
| 25. | Write notes on manuraing and fertilization in turnip. | CO2 | 5 |
| 26. | How to do Pest management in sprouting broccoli? | CO2 | 5 |
| 27. | Explain the techniques of seed production in leek. | CO3 | 5 |
| 28. | Write in brief the propagation techniques in globe artichoke. | CO2 | 5 |
| 29. | Explain the methods of weed control in spinach. | CO2 | 5 |
| 30. | What is curing and how it is done in onion? | CO3 | 5 |
| 31. | How to manage diseases in radish? | CO2 | 5 |
| 32. | Explain blanching in asparagus. | CO2 | 5 |

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| **PART – C (2 X 15 = 30 MARKS)**  **(Answer any 2 from the following)** | | | | |
| 33. | a. | Explain the scope and importance of cool season vegetables. | CO1 | 8 |
| b. | Describe the Production technology of brussel sprout. | CO2 | 7 |
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| 34. | a. | Write in detail the Production technology of vegetable kale. | CO2 | 8 |
| b. | Elucidate Production technology of graden peas. | CO2 | 7 |
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| 35. | a. | Explain in detail the Physiological disorder in cauliflower. | CO3 | 8 |
| b. | Describe the Production technology of Chinese cabbage. | CO2 | 7 |