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



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

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| **Code :** | **17HO1004** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PRODUCTION TECHNOLOGY OF TROPICAL VEGETABLE CROPS** | **Max. Marks :** | **100** |

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| **Q. No.** | **Questions** | | **Course Outcome** | **Marks** |
| **PART – A (20 X 1 = 20 MARKS)** | | | | |
| 1. | | Define olericulture. | CO1 | 1 |
| 2. | | Name any two green leafy vegetables. | CO1 | 1 |
| 3. | | Bitterness in bittergourd is due to \_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 4. | | Blossom end rot of tomato is due to \_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 5. | | Name the family of yam. | CO2 | 1 |
| 6. | | Mention the spacing in cassava. | CO2 | 1 |
| 7. | | Find the propagation method in colacasia. | CO2 | 1 |
| 8. | | Identify Vitamin A rich vegetable. | CO1 | 1 |
| 9. | | Cucurbits are generally \_\_\_\_\_\_\_\_\_ in nature. | CO2 | 1 |
| 10. | | Identify the pungency in onion. | CO2 | 1 |
| 11. | | Evaluate the seed rate of bhendi. | CO2 | 1 |
| 12. | | Name any two varieties of brinjal. | CO2 | 1 |
| 13. | | Pungency in chillies is exhibited in \_\_\_\_\_\_\_\_\_ part. | CO2 | 1 |
| 14. | | Yellow vein mosaic disease in bhendi is transmitted through \_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 15. | | Write the scientific name for sponge gourd. | CO1 | 1 |
| 16. | | Guar gum is extracted from \_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 17. | | Show the crop duration in chow – chow. | CO2 | 1 |
| 18. | | Mention the family of palak. | CO2 | 1 |
| 19. | | The scientific name for sweet potato 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 the different types of vegetable gardens. | CO1 | 5 |
| 22. | Elaborate on the Production technology of chilli. | CO2 | 5 |
| 23. | Illustrate the Heterostyly in brinjal. | CO2 | 5 |
| 24. | Explain the Harvest index of tomato. | CO3 | 5 |
| 25. | Explain the techniques of seed production in bhendi. | CO3 | 5 |
| 26. | Explain the production technology of cow pea. | CO2 | 5 |
| 27. | Discuss the sex expressions in cucurbits. | CO2 | 5 |
| 28. | Discuss the training and pruning in bottle gourd. | CO2 | 5 |
| 29. | Summarize the propagation techniques in aggregatum onion. | CO2 | 5 |
| 30. | Describe curing and how it is done in onion. | CO3 | 5 |
| 31. | Examine the interculture operations in cassava. | CO2 | 5 |
| 32. | Explain the production technology of palak. | 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 export importance of vegetable crops. | CO1 | 8 |
| b. | Elaborate the classification of vegetable crops with suitable examples. | CO1 | 7 |
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| 34. | a. | Explain the Production technology of any one cucurbitaceae crop. | CO2 | 8 |
| b. | Discuss the physiological disorder of tomato. | CO3 | 7 |
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| 35. | a. | Discuss the pest management in cucurbits. | CO3 | 8 |
| b. | Explain the Production technology of annual moringa. | CO2 | 7 |