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

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

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| **Code :** | **18HO2002** | **Duration :** | **3hrs** |
| **Sub. Name :** | **PRODUCTION TECHNOLOGY OF SPICES AND PLANTATION CROPS** | **Max. Marks :** | **100** |

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| **Q. No.** | **Questions** | **Course Outcome** | **Marks** |
| **PART – A (20 X 1 = 20 MARKS)** | | | |
| 1. | What are spices? | CO1 | 1 |
| 2. | Define oleoresin. | CO1 | 1 |
| 3. | List out the shade crops. | CO2 | 1 |
| 4. | What are weeds? | CO2 | 1 |
| 5. | List out the benefits of curry leaves. | CO3 | 1 |
| 6. | What is national economy? | CO3 | 1 |
| 7. | What are climatic factors? | CO3 | 1 |
| 8. | Where is Spices board located? | CO1 | 1 |
| 9. | What is value added products? | CO2 | 1 |
| 10. | List out the cover crops. | CO1 | 1 |
| 11. | Write the scientific name of Coriander. | CO1 | 1 |
| 12. | What are plantation crops? | CO1 | 1 |
| 13. | Explain by products. | CO2 | 1 |
| 14. | Explain *Gibberellafujikuroi.* | CO2 | 1 |
| 15. | What is the structure of Auxin? | CO1 | 1 |
| 16. | Comment on mulching. | CO3 | 1 |
| 17. | List out the growth regulators for crop plants. | CO3 | 1 |
| 18. | What is a weed? | CO1 | 1 |
| 19. | Define physiological disorder of crops. | CO2 | 1 |
| 20. | Write notes on neerapanam. | CO2 | 1 |

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| **PART – B (10 X 5 = 50 MARKS)**  **(Answer any 10 from the following)** | | | |
| 21. | What is the scope of spices? | CO1 | 5 |
| 22. | Write notes on export potential of spices. | CO1 | 5 |
| 23. | Explain the method of micropropagation. | CO2 | 5 |
| 24. | Comment on pruning practices. | CO2 | 5 |
| 25. | Write down the cultivation practices of nutmeg. | CO2 | 5 |
| 26. | What are the importances of fenugreek? | CO3 | 5 |
| 27. | Write detailed notes on export and import potential of plantation crops. | CO3 | 5 |
| 28. | How will you propagate by seed? | CO3 | 5 |
| 29. | Write notes on tipping practices. | CO3 | 5 |
| 30. | Comment on post harvest technology of areca. | CO2 | 5 |
| 31. | Describe the foliar feeding. | CO2 | 5 |
| 32. | Write the post harvest technology of rubber milk. | CO3 | 5 |

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| **PART – C (2 X 15 = 30 MARKS)**  **(Answer any 2 from the following)** | | | | |
| 33. | a. | Give an account on economics of cultivation of pepper. | CO1 | 15 |
| b. | Write an essay on nutritional and irrigation practices for plantation crops. | CO1 |
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| 34. | a. | Enumerate the cultivation and storage practices of ginger and cardamom. | CO2 | 15 |
| b. | List out the scope and importance of plantation crops. | CO2 |
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| 35. | a. | Give an account on post harvest and processing of coffee and tea. | CO3 | 15 |
| b. | Discuss on soil management for better growth of crop plants. | CO3 |