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

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

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| **Code :** | **18HO2001** | **Duration :** | **3hrs** |
| **Sub. Name :** | **COMMERCIAL FLORICULTURE** | **Max. Marks :** | **100** |

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| **Q. No.** | **Questions** | **Course Outcome** | **Marks** |
| **PART – A (20X1=20 MARKS)** | | | |
| 1. | Rose is propagated by \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 2. | \_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_ are the common micronutrients used in foliar spraying of flower crops. | CO3 | 1 |
| 3. | \_\_\_\_\_\_\_\_\_\_\_\_ is a double whorl variety of tuberose. | CO3 | 1 |
| 4. | Tetraploid *Crossandra* is \_\_\_\_\_\_\_\_\_\_\_\_ | CO1 | 1 |
| 5. | Rooting hormone widely used for propagation of plants is \_\_\_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 6. | Nipping / Tipping is done \_\_\_\_\_\_\_\_\_\_\_\_ days after planting in terminal portion of mari gold to promote branching. | CO3 | 1 |
| 7. | Soil fumigation in polyhouse is done with \_\_\_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 8. | *Gladiolus* belongs to the family \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 9. | Commercial propagation of *Gerbera* is by \_\_\_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 10. | \_\_\_\_\_\_\_\_\_\_\_\_ is used to break dormancy of *Gladioli* corms. | CO2 | 1 |
| 11. | *Akapana* is bicoloured / white / pink variety of anthurium. | CO1 | 1 |
| 12. | Seed rate for planting 1 ha of china aster is \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 13. | \_\_\_\_\_\_\_\_\_\_\_\_ is called as water cane or hollow stem flower. | CO1 | 1 |
| 14. | An example for Epiphytic orchid is \_\_\_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 15. | Floriculture infrastructure park in Hosur, Tamil Nadu is known as \_\_\_\_\_\_\_\_\_\_\_. | CO3 | 1 |
| 16. | First raining foliage plant in the world is Coleus / Diffenbachia / Ferns / Dracena. | CO1 | 1 |
| 17. | Leading flower product exporting country in the world is \_\_\_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 18. | National research centre for orchid is at \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 19. | Largest producer of loose flower in the world is \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |
| 20. | Botanical name of carnation is \_\_\_\_\_\_\_\_\_\_\_\_. | CO1 | 1 |

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| **PART – B (10 X 5 = 50 MARKS)**  **(Answer any 10 from the following)** | | | |
| 21. | Explain the bending operation in rose. | CO1 | 5 |
| 22. | Write a note on pruning operation in Jasmine. | CO2 | 5 |
| 23. | Discuss the package of practices for chrysanthemum. | CO1 | 5 |
| 24. | Explain the commercial propagation of tuberose and role of growth regulators in tuberose. | CO2 | 5 |
| 25. | Diffferentiate between filler and foliage crops with examples. | CO1 | 5 |
| 26. | Write in detail the special operations in carnation cultivation. | CO3 | 5 |
| 27. | Give tips for growing of anthurium- propagation, media and environment. | CO1 | 5 |
| 28. | What are the cultural practices to be followed in Gerbera? | CO1 | 5 |
| 29. | Give a note on drying and preservation of flowers. | CO2 | 5 |
| 30. | Write about the flower types in Dahlia. | CO1 | 5 |
| 31. | Briefly give an account of on classes of Rose. | CO1 | 5 |
| 32. | What are the post harvest management practices in gladioli ? | CO2 | 5 |

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| **PART – C (2 X 15 = 30 MARKS)**  **(Answer any 2 from the following)** | | | | |
| 33. | a. | Give a detailed account on types of foliage and filler crops. | CO1 | 7 |
| b. | What are the components of green house? | CO2 | 8 |
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| 34. | a. | Write about the physiological disorders observed in rose cultivation. | CO1 | 8 |
| b. | Describe the status and scope of floriculture industry in India. | CO3 | 7 |
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| 35. | a. | Discuss on season of flowering, development, physiological disorder, harvest, grading and yield in carnation. | CO1&  CO2 | 8 |
| b. | Write about the commercial dry flower products. | CO2 | 7 |