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



**End Semester Examination – Nov/Dec - 2017**

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| **Code :** | **17HO1001** | **Duration :** | **3 hrs** |
| **Sub. Name :** | **BOTANY OF HORTICULTURAL CROPS** | **Max. marks :** | **100** |

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| **Q. No.** | **Questions** | **Course**  **Outcome** | **Marks** |
| **PART-A(10X1=10 MARKS)** | | |  |
| 1. | Define: Hermaphrodite flower? | CO1 | 1 |
| 2. | What is Floral biology? | CO2 | 1 |
| 3. | What is the botanical name of cabbage? | CO2 | 1 |
| 4. | What is Androecium? | CO1 | 1 |
| 5. | What is the family of cucumber? | CO2 | 1 |
| 6. | Define: Pollination? | CO1 | 1 |
| 7. | What is the botanical name of tomato? | CO2 | 1 |
| 8. | What is anthesis? | CO1 | 1 |
| 9. | What is the type of pollination occurred in bhendi? | CO2 | 1 |
| 10. | What is Hypogynous ovary? | CO1 | 1 |

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| **PART B(5 X 3= 15 MARKS)** | | |  |
| 11. | Draw a flower and mention their parts? | CO1 | 3 |
| 12. | Define: Protogyny and Protandry? | CO2 | 3 |
| 13. | Explain: Pollen viability and Stigma reptivity? | CO2 | 3 |
| 14. | Explain: Floral biology of mango? | CO3 | 3 |
| 15. | Explain: Floral biology of rose? | CO3 | 3 |

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| **PART C(5 X 15= 75 MARKS)** | | | |  |
| 16. |  | Explain mechanisms promoting self-pollination? | CO2, CO3 | 15 |
| (OR) | | | | |
| 17. |  | Explain: Floral biology, pollination, fruit set and economic part in tomato? | CO3 | 15 |
| 18. |  | Explain mechanisms promoting cross-pollination? | CO2, CO3 | 15 |
| (OR) | | | | |
| 19. |  | Explain: Floral biology, pollination, fruit set and economic part in marigold? | CO3 | 15 |
| 20. |  | Classification of horticultural crops? | CO1 | 15 |
| (OR) | | | | |
| 21. |  | Explain: Floral biology, pollination, fruit set and economic part in banana? | CO3 | 15 |
| 22. |  | Elucidate the flowering mechanism in horticultural crops? | CO2, CO3 | 15 |
| (OR) | | | | |
| 23. |  | Explain: Floral biology, pollination, fruit set and economic part in Bhendi? | CO3 | 15 |
| 24. |  | Explain: Morphology of leaves and their types? | CO1 | 15 |
| (OR) | | | | |
| 25. |  | Explain: Floral biology, pollination, fruit set and economic part in cucumber? | CO3 | 15 |

ALL THE BEST