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



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

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| **Code :** | **18AG1017** | **Duration :** | **3hrs** |
| **Sub. Name :** | **WEED MANAGEMENT** | **Max. Marks :** | **100** |

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| **Q. No.** | **Questions** | **Course Outcome** | **Marks** |
| **PART – A (20 X 1 = 20 MARKS)** | | | |
| 1. | Define smothering effect. | CO1 | 1 |
| 2. | In Cotton + blackgram intercropping system, the \_\_\_\_\_\_\_\_\_ herbicide has to be used. | CO2 | 1 |
| 3. | Expand 2, 4 D and crops for 2, 4 D. | CO1 | 1 |
| 4. | What is meant by CWC with examples. | CO2 | 1 |
| 5. | Define soil solarization and its principle. | CO1 | 1 |
| 6. | Give any three important reference books with author name related to weed management. | CO1 | 1 |
| 7. | What is meant by moving in weed management and give stability in moving. | CO2 | 1 |
| 8. | What is meant by introduced weeds. Give some examples. | CO1 | 1 |
| 9. | Define facultative weeds with examples. | CO2 | 1 |
| 10. | What is herbicide resistance? Give herbicide resistance weed in India. | CO1 | 1 |
| 11. | Give any three mico herbicide against for weeds. | CO1 | 1 |
| 12. | Give any three poisonous weeds and its control measures. | CO1 | 1 |
| 13. | What is meant by endozoochory? Give example. | CO2 | 1 |
| 14. | Differentiate between herbicide and weedicide. | CO2 | 1 |
| 15. | Define weeds. | CO2 | 1 |
| 16. | Differentiate between pre and post emergence herbicide. | CO2 | 1 |
| 17. | IWM concept was started in \_\_\_\_\_\_\_\_\_\_\_\_. | CO2 | 1 |
| 18. | Define satellite weed. | CO2 | 1 |
| 19. | Give example for systemic and contact total killer herbicide. | CO1 | 1 |
| 20. | Define dormancy. Give examples. | CO1 | 1 |

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| **PART – B (10 X 5 = 50 MARKS)**  **(Answer any 10 from the following)** | | | |
| 21. | Explain the weed seed propagation. | CO1 | 5 |
| 22. | Give any five important herbicide trade and chemical name and its dose for important crops. | CO1 | 5 |
| 23. | Write notes on botanical herbicides and its benefits. | CO2 | 5 |
| 24. | How to select a herbicide to manage the weeds in dry lands? | CO3 | 5 |
| 25. | What do you mean by relative weeds and give any two examples. | CO1 | 5 |
| 26. | Write down the mimicry weeds and give any three crops with its mimicry weeds. | CO2 | 5 |
| 27. | Write a note on herbicide mixture and its advantages. | CO2 | 5 |
| 28. | How to transfer weed seeds from one place to another place? | CO1 | 5 |
| 29. | How to manage direct sown wheat crop? | CO1 | 5 |
| 30. | What is meant by critical stages of weed management? Give any three field crops and its critical stages. | CO3 | 5 |
| 31. | How to manage transplanted wet land rice weeds? | CO1 | 5 |
| 32. | Explain the mode of action of herbicide. | CO2 | 5 |

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| **PART – C 2 X 15 = 30 MARKS)**  **(Answer any 2 from the following)** | | | | |
| 33. | a. | Elucidate weeds and its classification. | CO3 | 8 |
| b. | Describe the advantageous and harmful effect on weeds. | CO1 | 7 |
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| 34. | a. | Explain in detail the herbicide classification. | CO2 | 8 |
| b. | Describe in detail the herbicide residue on soil and how to manage it. | CO1 | 7 |
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| 35. | a. | Define IWM. Explain its components. | CO1 | 8 |
| b. | How to manage aquatic weeds? | CO2 | 7 |