

Roll No.:

SGT UNIVERSITY**END TERM THEORY EXAMINATION JULY - 2022**

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|----------------------------------|--|-----------------------|--------------------------------|
| Faculty/College of Study: | Agricultural Sciences | Year/Semester: | 2nd Semester |
| Program: | M.Sc. Agriculture (Agronomy) | Duration: | 02:00 Hrs. |
| Course/Subject: | Principles and Practices of Weed Management | Maximum Marks: | 40 |
| Course/Subject Code: | 11060209 | Batch: | 2021 |

Instructions: -

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A**(Very Short Answer Type Questions)****Note: All Questions are compulsory: -****[10X1=10]**

| S. No. | Question | Marks Allotted |
|---------------|---|-----------------------|
| 1 | Write an example of mimicry weed | 1 |
| 2 | Define critical period of crop weed competition | 1 |
| 3 | What is herbicide mixture | 1 |
| 4 | Name two herbicides of Dinitro anilines group | 1 |
| 5 | Explain active ingredient | 1 |
| 6 | Explain weed prevention | 1 |
| 7 | Define herbicide resistance | 1 |
| 8 | Define bio herbicide | 1 |
| 9 | Define perennial weeds | 1 |
| 10 | Explain Integrated Weed Management | 1 |

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[3X2=6]

| S. No. | Question | Marks Allotted |
|--------|--|----------------|
| 11 | Write short note on aquatic weed | 2 |
| 12 | Time of application of herbicides | 2 |
| 13 | Write about the Mode of action of atrazine, glyphosate, 2,4-D, imazethapyr | 2 |

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[3X4=12]

| S. No. | Question | Marks Allotted |
|--------|--|----------------|
| 14 | Discuss the classification of herbicides with suitable example | 4 |
| 15 | Describe factor affecting herbicides residue on succeeding crops | 4 |
| 16 | Discuss the selectivity of propanil in paddy, atrazine in maize, pendimethalin in mustard and cotton | 4 |

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[2X6=12]

| S. No. | Question | Marks Allotted |
|---------------|---|-----------------------|
| 17 | Suggest the weed management practices in wheat, cotton paddy, green gram | 6 |
| 18 | Write weed management practices to control purple nutsedge in summer, orobanche in mustard and wild onion in gram | 6 |