

**End Semester/Reappear (Semester I) Examination December 2024**

**Programme: M. Sc. (Ag.) Agronomy**

**Course: Principles and Practices of Weed Management**

**Course Code: 13A.AGRON.503**

**Enrolment no. \_\_\_\_\_**

**Full Marks: 50**

**Time: 2 Hrs.**

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
<b>Section I</b>				
1	<b>Short Answer type questions.</b>			<b>4 x 5 = 20</b>
a	Compare weeds based on morphology with suitable example.	CO1	Understand	
	or			
b	Compare weeds based on nature with suitable example.	CO1	Understand	
	or			
	Describe growth characteristics of weeds.	CO2	Understand	
c	or			
	Explain the history of herbicide development.	CO2	Understand	
	Write on bio herbicides with appropriate example.	CO3	Understand	
d	or			
	Explain herbicide rotation with suitable example.	CO3	Understand	
	Discuss management of herbicide residues in soil.	CO4	Understand	
	or			
	Explain herbicide mixtures. Describe its types and advantages.	CO4	Understand	
<b>Section II</b>				
<b>Long Answer type questions.</b>				
2	Explain critical period of weed competition. Analyze the main losses caused due to weed infestation.	CO2	Analyze Understand	<b>2 x 15 = 30</b>
	or			
3	Explain allelopathic effects of weeds on weed and crop with appropriate example.	CO2	Analyze	
	or			
	Compare weed management in major field crops (rice, wheat and sorghum).	CO4	Analyze	
	or			
	Compare weed management in major field crops (green gram, soybean and groundnut).	CO4	Analyze	

**Course Outcome:**

**After completion of the course the students will be able to;**

Know about crop-weed competition and classification of weeds.

- Understand methods of weed management including integrated weed management.
- Comprehend the herbicide structure and factors affecting efficiency of herbicides.
- Practice weed management in major crops and cropping systems.