

DR. PANJABRAO DESHMUKH KRISHI VIDYAPEETH, AKOLA
SEMESTER END THEORY EXAMINATION
B.Sc. (Hons.) Horticulture

Semester	:	III (NEW)	Term	:	I	Academic Year	:	2021-22
Course No.	:	H/FS-235	Title	:	Weed Management in Horticulture Crops			
Credits	:	2 (1+1)						
Day & Date	:	Tuesday, 26/04/2022	Time	:	12.00 to 1.00	Total Marks	:	40

Note: 1. Write Your Name, Roll No., Course No. and Course Title

2. Solve **Any Four Questions from SECTION- A**.

3. Solve **Any Six Questions from SECTION- B**.

4. All Questions from **SECTION-C are compulsory**.

5. Draw a well sketched diagram whenever necessary

SECTION- A

(Write the answers in 4-5 sentences only. Each question carries 4 marks)

Q.1. Write any four harmful effects of weeds.

Q.2. Define weed. Write the classification of weeds based on life span.

Q.3. Enlist the methods of weed control. Describe in short any one method of weed control.

Q.4. Give classification of herbicides on the basis mode of action.

Q.5. Describe any four factors that influence weed dispersal.

Q.6. Write weeds management in citrus fruit crop.

SECTION- B

Q.7. Define the following terms

1. Weed biology 2. Propagation 3. Emulsion 4. Herbicide 5. Noxious weeds

6. Parts per million 7. Persistence/adaptation 8. Phytotoxic.

SECTION-C

Q.8. Multiple choice questions.

(Choose the correct option. Each question carries 1 marks)

1.	Control or suppress the targeted weed species without affecting the growth of others we use			
	a)	Selective herbicide	b)	Non selective herbicide
	c)	Both a & b	d)	None of the above
2.	Parchute like modification of persistent calyx into hairs is called			
	a)	Pollution	b)	Population
	c)	Pappus	d)	Calyxation

3.	The application of herbicide with irrigation water both by surface or sprinkler system is called			
	a)	Herbigation	b)	Fertigation
	c)	Fumigation	d)	None of the above
4.	Those weed that has several life cycle in a growing season and can increase in numbers rapidly is known as			
	a)	Perennial weed	b)	Seasonal weed
	c)	Ephemeral weed	d)	None of the above
5.	Chemicals applied to soil that kills all living organisms are known as			
	a)	Bactericide	b)	Fumigants
	c)	Soil Sterilants	d)	Soil improver
6.	A weed that is part of the balance of the nature that has developed over hundreds or thousands of year in a particular region is known as			
	a)	Exotic weed	b)	Mother weed
	c)	Indigenous weed	d)	Aquatic weed
7.	Who were the first workers to introduce 2,4-D as a herbicide			
	a)	Marth and Mitchell	b)	JethroTull
	c)	Aldrich and Kremer	d)	Luken and Thieret
8.	The Gokharu (Bondra) belongs to the family			
	a)	Compositae	b)	Amaranthaceae
	c)	Ephorbitaceae	d)	None of the above
9.	Example of prohibited noxious weed is			
	a)	<i>Convolvulus arvensis</i>	b)	<i>Circiumarvensis</i>
	c)	<i>Cascuta spp.</i>	d)	<i>Allium vineale</i>
10.	The seeds of <i>Convolvulus arvensis</i> remain viable for			
	a)	10 Years	b)	100 Years
	c)	50 Years	d)	20 Years
11.	Detrimental effect of chemicals or exudates produced by one plant species on germination, growth of another plant species is known as			
	a)	Parthinocarp	b)	Allelopathy
	c)	Supression	d)	Both b & c
12.	The mechanism in which the weedy fruity and seeds are eaten by birds and animals and depending upon the digestion mechanism the ingested weed seeds are passed in viable form is called			
	a)	Endozoochery	b)	Climectric
	c)	Viability	d)	Both a & b

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