

MAHARASHITRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc. (Hons.) Horticulture

Semester	: III (New)	Term	: First	Academic Year	: 2022-23
Course No.	: II/FS 235	Title	: Weed Management in Horticultural Crops		
Credits	: 2(1+1)	Time	: 9:00 to 11:00 hrs.	Total Marks	: 40
Day & Date	: Saturday, 04.02.2023				

- Note :**
1. Solve ANY EIGHT questions from SECTION 'A'.
 2. All questions from SECTION 'B' are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Define weed. Explain in brief harmful effects of weeds.
- Q.2 Enlist the classification of weeds and describe in detail about annual weeds.
- Q.3 Enlist the methods of weed control. Explain in short mechanical method of weed control.
- Q.4 Describe in brief various factors affecting on crop weed competition.
- Q.5 Write in detail about the agencies responsible for dissemination of weeds.
- Q.6 Define herbicide. Classify the herbicide according to their use or mode of action and time of application with suitable example.
- Q.7 Write short notes on (Any Two):
- a) Types of adjuvant b) Weed management in onion c) Weed management in banana
- Q.8 Define integrated weed management. Describe in brief biological weed control with suitable example.
- Q.9 Write in brief advantages and disadvantages of herbicide use in India.
- Q.10 Define weed ecology. Explain factors affecting on persistence of weed.

SECTION 'B'

- Q.11 Match the pairs:

'A'

- 1) Nutgrass
- 2) Fluchloralin
- 3) Harali
- 4) Dicamba (Banvel)

'B'

- a) Propagation by runners
- b) Post-emergence herbicide
- c) Propagation by tuber
- d) Pre-emergence herbicide

- Q.12 Fill in the blanks:

- 1) Typha is classified under _____ type of weed.
- 2) Ingested weed seed are passed in viable form with the animal excreta, this mechanism is called _____.
- 3) The trade name of Alachlor herbicide is _____.
- 4) The chemicals that improve the herbicidal effects or efficiency of herbicide, are called _____.

