

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE

SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Horticulture

Semester	: III (New)	Term	: First	Academic Year	: 2023-24
Course No.	: 11/FS 235	Title	: Weed Management in Horticultural Crops		
Credits	: 2 (1+1)				
Day & Date	: Thursday, 7.12.2023	Time	: 9:00 to 11:00 hrs.	Total Marks	: 40

- 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 What do you mean by 'Weed'? Explain in brief beneficial effects of weeds.
- Q.2 Define Weed Biology. Describe sexual and asexual reproduction of weeds.
- Q.3 Enlist the methods of weed control. Explain in short biological method of weed control.
- Q.4 Write in detail about the types of adjuvants with suitable examples.
- Q.5 Write short notes on (Any Two):
- a) Dissemination of weeds
 - b) Weed management in mango
 - c) Limitations of herbicide use in India
- Q.6 Enlist classification of weed and describe in detail about perennial weeds.
- Q.7 Describe in brief the methods of herbicide application.
- Q.8 Define Herbicide. Write in brief advantages of chemical method of weed control.
- Q.9 Enlist problematic weeds and explain parasitic weeds with control measures.
- Q.10 Explain in short various factors affecting crop weed competition.

SECTION 'B'

- Q.11 Define the following terms:

- 1) Integrated Weed Management
- 2) Allelopathy
- 3) Weed ecology
- 4) Endozoochory

- Q.12 Match the pairs:

'A'

'B'

- | | |
|-----------------|----------------------------|
| 1) Datura metal | a) Selective herbicide |
| 2) Oxyfluorfen | b) Poisonous weed |
| 3) Hydrilla | c) Non-selective herbicide |
| 4) Glyphosate | d) Aquatic weed |

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