

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD
SEMESTER END EXAMINATION

B.Sc. (Hons.) Horticulture

Semester	: III (New)	Term	: I	Academic Year	: 2019-20
Course No.	: H/FS 235	Title	: Weed Management in Horticultural Crops		
Credits	: 2 (1+1)				
Day & Date	: Thursday, 07.11.2019	Time	: 09.00 to 11.00	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 diagrams wherever necessary.

SECTION "A"

- Q.1 a) Enlist different classes of herbicide.
b) Explain in short selectivity class of herbicide.
- Q.2 Define weed. Enlist harmful and beneficial effects of weed with example.
- Q.3 a) Enlist different criteria for classification of weed.
b) Explain in brief classification of weed based on morphology.
- Q.4 a) Enlist factors affecting weed crop competition.
b) Write in brief Allelopathy.
- Q.5 Write in brief role of integrated weed management in horticulture.
- Q.6 Describe in brief absorption and translocation of herbicides.
- Q.7 Define herbicide. Write in brief its disadvantages.
- Q.8 a) Enlist different methods of weed control.
b) Explain in short mechanical methods of weed control.
- Q.9 a) Enlist different methods of herbicide application.
b) Describe in brief foliar application of herbicide.
- Q.10 Suggest the chemical method for effective weed control in following horticultural crops.
a) Potato b) Cabbage c) Garlic d) Cumin

SECTION "B"

- Q.11 Do as directed.
- 1) Give one example of ephemerals weed.
 - 2) *Lantana camera* has been internationally dispersed by _____ bird.
 - 3) Which chemicals improve the herbicidal effects, without being phytotoxic by themselves?
 - 4) 2, 4-D is a translocated herbicide. (State True/ False)
- Q.12 Define the following terms.
- 1) Indigenous weed
 - 2) Comose
 - 3) Pappus
 - 4) Objectionable weed

