

**MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION**

B.Sc. (Hons.) Horticulture

Semester : III (New)	Term : I	Academic Year : 2018-19
Course No. : H/FS 235	Title : Weed Management in Horticultural Crops	
Credits : 2 (1+1)		
Day & Date : Wednesday, 14.11.2018	Time : 9.00 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 Define weed. Write about harmful effects of weeds.
- Q.2 Explain in brief various agencies of weed dissemination.
- Q.3 Enlist different methods of classification of weeds. Write in brief the classification of weeds on the basis of season.
- Q.4 Describe different methods and time of herbicide application.
- Q.5 Enlist different methods of weed control and describe mechanical method of weed control.
- Q.6 Write short notes (Any Two).
 - a) Selective herbicides
 - b) Allelopathy of weeds
 - c) Parthenium weed
- Q.7 Explain in brief about the formulations of herbicides.
- Q.8 What is weed ecology? Describe different factors affecting the weed ecology.
- Q.9 What is integrated weed management? Explain about the method of integrated weed management.
- Q.10 Write about the beneficial effects of weeds.

SECTION "B"

- Q.11 Match the following pairs.

'A'

- 1) Ghaneri
- 2) Hariyali
- 3) Gokharu
- 4) Nut grass

'B'

- a) *Cynodon dactylon*
- b) *Xanthium strumarium*
- c) *Cyperus rotundas*
- d) *Lantana camera*

- Q.12 State True or False.

- 1) *Loranthus* is a parasitic weed of mango crop.
- 2) Weeds help in checking wind and water erosion.
- 3) Hariyali belongs to family malvaceae.
- 4) *Portulaca* species are used as vegetable.

