

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. (Hons.) (Agriculture) (Sem.-6)

WEED MANAGEMENT

Subject Code : BSAGXXX-19

M.Code : 91803

Date of Examination : 11-01-2023

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. **Write short notes on :**
 - (a) Herbicide mixture
 - (b) Herbicide isomers
 - (c) EC
 - (d) 2, 4-D drift hazard
 - (e) Allelopathy
 - (f) Persistence of weeds
 - (g) GM crops
 - (h) Adjuvants
 - (i) Stale seed bed technique
 - (j) Control measure of *Cynodon dactylon*.

SECTION-B

2. Discuss the principles of post-emergence herbicides.
3. Write different characteristics of weeds.
4. Explain the common weed dispersal agents.
5. What are parasitic weeds? Explain its types.
6. Briefly explain the compatibility of herbicides with other agrochemicals (additive, synergistic, antagonistic, independent and enhancement effect)

SECTION-C

7. Explain the principles of weed management in detail, elaborate with suitable examples.
8. Discuss the various methods of herbicide application along with advantages.
9.
 - a) What are bio-herbicides? Write down their advantages and disadvantages.
 - b) Discuss the critical period of weed competition along with the factors affecting the competitive ability of crops against weeds.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.