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Total No. of Pages : 02

Total No. of Questions : 09

B.Sc. Agriculture (2014 & Onwards) (Sem.–7)

WEED MANAGEMENT

Subject Code : BSAG-CS 703

M.Code : 74830

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) Drift reduction agents

(b) Herbicide isomers

(c) Additives

(d) Active ingredient of pesticide formulation

(e) Allelopathy

(f) Persistence of weeds

(g) Emulsifiable concentrates

(h) Adjuvants

(i) Synergists

(j) Control measure of *Cynodon dactylon*

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SECTION-B

2. Discuss the principles of post-emergence herbicides.

3. Explain the allelopathic effects of weeds on maize, sorghum, wheat and sunflower.

4. Explain the common weed dispersal agents.

5. Discuss the classification of herbicides.

6. Briefly explain the compatibility of herbicides with other agrochemicals (additive, synergistic, antagonistic, independent and enhancement effect).

SECTION-C

7. Explain in detail the biological and integrated weed management practices.

8. Discuss the various methods of herbicide application along with advantages.

9. (a) Explain the concept of crop weed association and competition.

   (b) Discuss the critical period of weed competition along with the factors affecting the competitive ability of crops against weeds.

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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.

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