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Total No. of Printed Pages: 1

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B.Sc. (Hons.) Agriculture (Semester – 4th)
WEED MANAGEMENT
Subject Code: BAGRD1474
Paper ID: 19130142

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) The term weed was coined by
- b) two examples of kharif weed with scientific name & family
- c) Herbicide resistance
- d) Additive and synergistic effect
- e) Phalaris minor is resistant to which herbicide
- f) Allelopathy
- g) Hay fever and asthma are caused by pollen of _____
- h) classification of weed dormancy was given by _____
- i) Bipolaris herbicide is used to control
 - Dodder
 - Hajardana
 - Johanson grass
 - Swank
- j) National Research Centre for weed science is situated at _____

Section – B

(5 marks each)

- Q2. Elucidate herbicide resistance and its management.
- Q3. Explain the concept of herbicide mixture and its utility in agriculture
- Q4. Concept of adjuvant and their use
- Q5. Explain the modes of reproduction in weeds
- Q6. What are the different characteristics of weeds and their beneficial effects on the ecosystem?

Section – C

(10 marks each)

- Q7. Illustrate the integration of herbicide with non-chemical methods of weed management.
- Q8. Elucidate Bio- herbicide and their application in agriculture.
- Q9. Explain in detail about the dissemination of weeds.