Roll No…….. **Total No. of Printed Pages: 1**

Total No. of Questions: [09]

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) Phlaris 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) Bipolaaris 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.