



AF-3532

M.Sc. (Final)
Term End Examination, 2017-18

BOTANY

Paper - IV (B)

Weed Biology

Time : Three Hours] [Maximum Marks : 100
[Minimum Pass Marks : 36

Note : Answer any **four** questions. All questions carry equal marks.

1. Define Weeds ? Give an account of ideal characteristics of weeds emphasizing on their distribution in the world.
2. What is the need of classifying weeds ? Give a detailed account on the classification of weeds.
3. What do you know about r and k selection ? Illustrate some traits of r and k selection with reference to weeds.

(2)

4. What do you understand by strategies of dispersal ? Describe the methods of vegetative propagation of weeds and their dispersal strategies.
5. Write an essay on 'Allelopathy'.
6. What is 'Weed Management' ? Describe the 'Biological control of weeds'.
7. Write notes on any **five** of the following :
 - (a) Kuri Plant
 - (b) Water Hyacinth
 - (c) Jungle Rice
 - (d) Purple Nut Sedge
 - (e) Water Lettuce
 - (f) Pimpernel
8. What is Competition ? Describe the methods of measurement of competition.