

AE-776

M.Sc. (Final)
Term End Examination, 2016-17

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. Describe the ideal characteristics of weeds and their world wide distribution.
2. What is the strategy of resource allocation ? Elaborate and enumerate the characters of 'C', 'S' and 'R' selection.
3. What is Competition ? Describe the methods of measurement of Competition.

(2)

4. Write an account of 'Allelopathy'.
5. What do you know about Weed-Management ?
Describe the Biological control of weeds.
6. Give your views on "Aquatic Weed Management".
7. Write notes on any **two** the following :
 - (a) Strategies for dispersal in Weeds
 - (b) Classification of Herbicides
 - (c) Mechanical Weed Control
8. Write notes on the following :
 - (a) Water Hyacinth
 - (b) Carrot Grass
 - (c) Burmuda Grass
 - (d) Kuri Plant