

**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.

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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

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