



M.Sc. IV Semester Degree Examination, Sept./Oct. - 2024

BOTANY

DSE - 3 : Weed Biology and Ecology

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : (i) Answer **any five** of the following.
(ii) Question no. **1** is **Compulsory**.

1. Discuss in detail knowledge of Weed biology in prioritising Weed control methods. **14**
2. Discuss elaborately the process of weed invasion. **14**
3. Explain reasons for seed dormancy. Write methods of breaking dormancy. **14**
4. Discuss in detail integrated weed management and its types. **14**
5. Write a note on :
 - (a) Weeds an trap Crops **7**
 - (b) Ornamental Weeds. **7**
6. Write a note on :
 - (a) Explain the factors supporting competitive ability of weeds to survive in soils. **7**
 - (b) Distribution pattern of seeds of weeds in the soil. **7**
7. (a) Explain different factors determining critical period of weed control. **7**
(b) Harmful effects of weeds. **7**
8. (a) Physical method to control growth of weeds with examples. **7**
(b) Weeds as green manure. **7**

