

PE – 504
(491) M.SC. BOTANY (Fourth Semester)
Examination June 2022
Compulsory/Optiona
Group -
Paper -IV
WEED BIOLOGY-II

Time : Three Hours]

[Maximum Marks : 80

[Minimum Pass Marks :

नोट : दोनों खण्डों से निर्देशानुसार उत्तर दीजिए। प्रश्नों के अंक उनके दाहिनी ओर अंकित हैं।

Note : Answer from both the Sections as directed. The figures in the right-hand margin indicate marks.

Section-A

Q 1. Answer the vary brief .

1x10=10

- a. Define seed germination.
- b. What is growth.
- c. How you can test the seed viability.
- d. Give names of Two Chemicals Which are used to kill weeds.
- e. What IWM. Define the concept.
- f. Give the basis of classification of herbicides
- g. Give the name of herbicide which was for the first time used of “BUTACHLOR”.
- h. Give the name of two Bioherbicides.
- i. Give the name of two aquatic weed coming maximum damage.

Q 2. Answer the following answer in short .

2x5=10

- a. Comment upon seed longevity.
- b. What do you understand by the safe-site concept.
- c. Differentiate between prevention, suppression and Eradication of weeds.
- d. Give a short account of “Nitrofen”.
- e. What are the selective herbicides.

Section-B

Answer any five of the following long answer questions.

15x4=60

3. How light act as an important factor for germination. Explain.

OR

Comment upon-

- a. Seed viability Tests.
- b. The safe-site concept and its relevance with weeds.

4. What do you understand by “ weed control”? Describe in detail chemical weed control.

OR

Write an account on Fungi based Biological control.

5. Describe in detail the “ Classification of Herbicides”.

OR

Describe in detail the application methods of herbicides.

6. Write an essay on aquatic Weed Management.

OR

Write a detail note on Pendimethine.