

Cat. No: Agro.1204

Title: Weed Management (I+I)

Marks: 80

Time: 3 hours

(10 x 1=10)

I) Fill up the blanks

1. An Example for a floating weed is _____
2. Common name for Striga is _____
3. The scientific name for purple nut sedge is _____
4. _____ leguminous weed is found to suppress the growth of *Parthenium*
5. The recommended nozzle for herbicide application is _____
6. Biological control is effective on _____ weeds
7. _____ is a bioherbicide
8. 2,4-D is a _____ herbicide (selective systemic/non selective contact)
9. _____ is a mimicy weed in rice
10. Substances used for reducing phytotoxicity of herbicides on crop plants are known as _____

II Write short notes on any TEN

(10 x 3=30)

1. Stale seed bed
2. Classification of parasitic weed
3. Nozzles for herbicide application
4. Dispersal of weed seeds
5. Dormancy in weed seeds
6. Alien aquatic weeds in Kerala
7. Classification of weeds according to life cycle
8. Forms of 2, 4-D
9. Anilide herbicides
10. Shifts in weed flora
11. Weed competition for light
12. Preventive weed control

III Write short notes on any SIX

(6 x 5=30)

1. What are bioherbicides. Give examples? Mention the advantages and disadvantages of weed control with bio herbicides
2. Give an account of weed control through crop husbandry /agronomic methods
3. Suggest integrated methods for weed control in rice
4. Explain the mechanism of weed dispersal with examples

omenclature of herbicides citing examples

etermining absorption and translocation of herbicides

ethods of herbicide application citing examples for the crop
licable

weed management, suggest integrated weed management practices for

coconut

IV Write essay on ANY ONE

(1 x 10=10)

1. What is biological control? Mention the criteria for a good biological control agent. Discuss about successful biocontrol of weeds in Kerala
2. Explain the chemical classification of herbicides with suitable examples
