

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2014 Admission

IInd Semester Final Examination- July/August-2015

Cat. No: Agro.1204

Title: Weed Management (I+I)

Marks: 50

Time: 2 hours

I) Fill up the blanks

(10 x 1=10)

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 mimicry weed in rice
10. Substances used for reducing phytotoxicity of herbicides on crop plants are known as _____

II Write short notes on any FIVE

(5 x 2=10)

1. Classification of parasitic weed
2. Alien aquatic weeds in kerala
3. Dormancy in weed seeds
4. Classification of weeds according to life cycle
5. Anilide herbicides
6. Shifts in weed flora
7. Preventive weed control

III Write short notes on any FIVE

(5 x 4=20)

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
5. Briefly explain the nomenclature of herbicides citing examples
6. What are the factors determining absorption and translocation of herbicides
7. Explain the different methods of herbicide application .citing examples for the crop

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
