

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag Degree Programme-2012 Admission

VIth Semester One -Time Special Re-Examination –April/May 2016

Time : 3 hours

Marks: 80

Cat. No: Ento.3204

Title: Plant parasitic nematodes ,other non insect pests and their Management (1+1)

I. Fill up the blanks/ Name the following (Write scientific name) (1×10=10)

- 1) Nematodes belonging to class Secernentea have _____ type of excretory system
- 2) The Capivara of Brazil is _____
- 3) Pepper ring spot virus is transmitted by _____ nematode
- 4) Indian crested porcupine is _____
- 5) Largest plant parasitic nematode _____
- 6) *Tatera indica* is commonly called as _____
- 7) Plant parasitic nematode with monodelphic –prodelphic ovary _____
- 8) Indian pea fowl
- 9) Mite vector of pigeon pea sterility mosaic virus
- 10) Brown wheat mite

II. Write short notes/ answers on ANY TEN

(10×3=30)

- 1) Black head disease of banana
- 2) Rice sheath mite
- 3) Giant African snail
- 4) Gall/syncytia formation by plant parasitic nematodes
- 5) Lesser bandicoot rat
- 6) Oesophagus of plant parasitic nematode
- 7) Phytophagous mite families
- 8) Nematode- virus interaction
- 9) Depredatory birds of vegetables and fruits
- 10) White tip disease of rice

- 11) Zoonotic diseases transmitted by rodents
- 12) Excretory system of plant parasitic nematodes

III. Write short essays on ANY SIX of the following

(6×5=30)

- 1) Reproductive system of plant parasitic nematodes
- 2) Mite pests of cereal crops & their management
- 3) Cultural methods of managing plant parasitic nematodes
- 4) Management of depredatory birds in agricultural ecosystem
- 5) Wheat gall nematode
- 6) Rodenticides
- 7) Bud and leaf nematodes
- 8) House rats

IV. Write essay on ANY ONE

(1×10=10)

- 1) Give a short account on the rodent proofing methods suitable for indoor situations such as storage structures, godowns, warehouses, poultry farms, etc., involving little extra cost for making rodent proof
- 2) Give an account of nematodes infecting major crops of Kerala & their management