

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. 2011 Admission

VIth Semester Final Examination- July /August -2014

Time: 3 hours

Cat. No: Ento.3204

Marks: 80

Title: Plant parasitic Nematodes other non insect pests & their management (1+1)

I. a) Fill in the blanks(Common name, Scientific name wherever necessary)

- 1) 'Curly root tip' in rose is caused by _____ nematode (6×1=6)
- 2) _____ is the tree rat
- 3) _____ is the nematode which causes galls on balsam leaves
- 4) _____ is rice golden apple snail
- 5) _____ is the bacteria used for biological control of root- knot nematode
- 6) _____ is the nematode responsible for filariasis

b) Write the scientific name/name of the following

(4×1=4)

- 1) Indian field mouse
- 2) Flying fox
- 3) Blue bull
- 4) Rose ringed parakeet

II. Write short notes/ answers on ANY TEN

(10×3=30)

- 1) Acaricides in mite pest management
- 2) Ufra disease of rice
- 3) Stomatostylet
- 4) Mite vectors of plant diseases
- 5) Any five economic importance of rodents in India
- 6) Lesser bandicoot rat
- 7) Tea mites
- 8) Earcockle disease of wheat
- 9) Biological control of mites
- 10) Mushroom nematodes
- 11) Role of birds of prey in insect pest management with examples
- 12) Body wall of plant parasitic nematodes

III. Write short essays on ANY SIX of the following

- 1) Coconut perianth mite
- 2) Root- knot nematodes and their management
- 3) Classification of plant parasitic nematodes based on parasitism
- 4) Rodenticides
- 5) Digestive system of plant parasitic nematodes
- 6) External morphology of mite with a neat diagram.
- 7) Citrus nematodes
- 8) Molya disease of wheat

IV. Write essay on ANY ONE

- 1) Nematode pests infesting above ground plant parts in agriculture crops and their m
- 2) Integrated mite pest management