

KERALA AGRICULTURAL UNIVERSITY

B.Sc Hons (Ag) 2010 Admission

VIth Semester Final Examination- July /August -2013

Time: 3 hours

Marks: 80

Cat. No: Ento.3204

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

I Name the following

(10 x 1=10)

1. The bacterium associated with wheat seedgall nematode
2. The body cavity of a nematode
3. Sense organ located in the head region of nematodes
4. An acaricide with long residual action
5. A bird predator of rodents
6. The study of ticks and mites
7. An acute stomach poison used as rodenticide
8. The teeth like structure on movable digit of chelicerae
9. Indian ornithologist of international repute
10. The 'brain' of nematodes

II Write short notes on ANY TEN

(10 x 3=30)

1. Bird scarer
2. Eriophyid mites
3. Odontostyle
4. House rats
5. Perianth mite of coconut
6. Burrowing nematode in banana
7. Migratory endo parasitic nematodes
8. Tundu disease
9. Nematode transmitted viral diseases
10. White tip nematode of rice
11. Bird pests of crops
12. Rat traps

III Write short essays on ANY SIX of the following

(6 x 5=30)

1. Tea mites and their management
2. Classification of nematodes based on mode of feeding

3. Giant African snail and its management
4. Chemical control of rodents
5. Citrus decline and its management
6. Morphology and biology of tetranychid mites
7. Integrated management practices for birds
8. Root knot nematode in vegetables

IV Write essay on ANY ONE

(1 x 10 = 10)

1. Draw a neat diagram of an amphidelphic plant parasitic nematode and label the following **ten parts**
 i) Conus II) Stylet Knobs III) Metacarpus IV) Isthmus V) Nerve ring VI) Intestine
 VII) Ovary VIII) Spermatheca XI) Vulva X) Anus
2. Explain in detail how would you organize a rodent control campaign in your area
