

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Ag. Degree Programme 2013 Admission

VIth Semester Final Examination-August- 2016

Cat. No: Ento.3204

Marks: 50.00

Title: Plant Parasitic Nematodes, other non-insect pests and their management (1+1)

Time: 2 hrs

I. Answer the following

(10x1=10)

- ✓ 1. First reported plant parasitic nematode is _____ ✓
- ✓ 2. Vector of pigeon pea sterility mosaic virus is _____
- ✓ 3. A predatory bird in paddy ecosystem
- ✓ 4. Scientific name of rice root knot nematode
- ✓ 5. The family of spider mites ✓

Match A and B

A

6. Haller's organ
7. Amphids
8. *Suncus murinus*
9. Bursa
10. Phytoseiidae

B

- a. Schrew
- b. Predatory mite
- c. Male nematode
- d. Chemoreceptor
- e. Tick

II. Write short notes on Any Five of the following

(5x2=10)

- ✓ 1. Giant African snail ✓
2. Stomatostylet
- ✓ 3. Acute and chronic rodenticides
- ✓ 4. Rice leaf mite ✓
- ✓ 5. Trap crop and antagonistic plant in nematode management ✓
6. Bait shyness
- ✓ 7. Chilli mite ✓

III. Answer Any Five questions

(5x4=20)

1. Mite vectors of crop plants.
- ✓ 2. Classification of plant parasitic nematodes based on parasitism. ✓
- ✓ 3. Trapping techniques in rodent management.
- ✓ 4. Morphology of mite with neat illustration.
5. Female reproductive system in plant parasitic nematodes. ✓

- ✓ 6. Integrated management of depredatory birds.
- 7. Tylenchidoesophagous.

IV. Write essay on Any One of the following

(1x10=10)

- ✓ 1. Integrated management of plant parasitic nematodes.
- 2. Integrated management of mite pests of crop plants. ✓