

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
2. Vector of pigeon pea sterility mosaic virus
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

B

- | | |
|--------------------------|-------------------|
| 6. Haller's organ | a. Schrew |
| 7. Amphids | b. Predatory mite |
| 8. <i>Suncus murinus</i> | c. Male nematode |
| 9. Bursa | d. Chemoreceptor |
| 10. Phytoseiidae | 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.