



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Sc (Hons.) Agriculture 2014 & Previous Admissions**  
**VI Semester Final Examination-August-2017**

**Ento.3204**

**Plant Parasitic Nematodes, other non insect pests and their  
Management (1+1)**

**Marks: 50**  
**Time: 2 hours**

**I      Fill up the Blanks      (10x1=10)**

- 1 ----- discovered the seed gall nematode of wheat
- 2 ----- is the causative organism for plague, transmitted by rodents
- 3 Paired lateral sense organs on either side of the tail in nematodes are called -----
- 4 ----- is known to hoard grains in its burrow
- 5 A single ovary directed anterior to vulva in nematodes is called ----- ovary.
- 6 Scientific name of Indian peafowl is -----
- 7 Broad mite is scientifically known as -----
- 8 The gap in dentition of rodents is called -----
- 9 Ufra disease in rice is caused by -----
- 10 ----- stage of tetranychid mite has only three pairs of legs.

**II      Write short notes on any FIVE      (5x2=10)**

- 1 Eryophid mites
- 2 Purple moor hen
- 3 Spiromesifen
- 4 Indian crested porcupine
- 5 Golden cyst nematode
- 6 House rat
- 7 Metaldehyde

**III      Answer any FIVE      (5x4=20)**

- 1 Tea mites and their management.
- 2 Management of bird pests in agriculture.
- 3 Root knot nematodes and their management.
- 4 Commonly used rodenticides.
- 5 Digestive system of a nematode with suitable diagram.
- 6 The perianth mite and its management.
- 7 Classification of plant parasitic nematodes based on feeding habit.

**IV      Write essay on any ONE      (1x10=10)**

- 1 Give a brief account about major rat pests of crops and their management.
- 2 Integrated nematode management.

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