

KERALA AGRICULTURAL UNIVERSITY

B.Sc (Hons.) Agriculture 2013 Admission

VIIth Semester One Time Re - Examination-February-2017

Cat. No: Ento.2203

Marks: 50.00

Title: Pests of crops and stored grains and their management (2+1)

Time: 2 hours

I Fill up the blanks & State true or false

(10x1=10)

1. Woolly aphid of apple is -----.
2. Nematode pest of kacholam is -----.
3. Jasmine lace wing is -----.
4. Ginger shoot borer is -----.
5. Pest that damages citrus fruits in its adult stage is -----.
6. Imidachloprid is a new generation insecticide recommended for BPH in rice.
7. Achatina fulica is an invasive pest of India.
8. Helicoverpa armigera is a monophagous pest.
9. Spodoptera mauritia is a sporadic pest.
10. Cultivation of Bt cotton is not permitted in India.

II Write short notes on any FIVE of the following

(5x2=10)

1. Write the management tactics of the following pests Cardamom thrips.

Write the scientific name, symptom and damage of the following pests:

2. Tea mosquito bug
3. Areca nut spindle bug
4. Pink boll worm in cotton
5. Diamond back moth
6. Potato tuber moth
7. Coffee berry borer

III Short Essays on Any FIVE

(5x4=20)

1. Name the primary feeders of stored grains and give prophylactic control measures.
2. Merits and Demerits of Microbial pesticides as a tool in IPM.
3. Biology and management of *Bactrocera dorsalis*.
4. Symptom, damage and management of *Rhynchophorus ferrugineus*.
5. Ground nut hairy caterpillar and its IPM schedule.
6. Nature of damage and IPM schedule of pepper pollen beetle.
7. Biology, symptom, damage and management of *Scirpophaga incertulas*.

IV Write Essay on any ONE

(1x10=10)

1. List out the pod borers, and sucking pests of pulses and suggest IPM schedule for each group.
2. Enlist the Sucking pests of coconut, distinguish the symptoms and give strategies to control them.
