



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Ag. 2017 admission
IV Semester Final Examination-August-2019

Ento.2203

Pests of crops and their management I (1+1)

Marks: 50
Time: 2 hours

I State True or False

(10x1=10)

- 1 Yellow vein mosaic in okra is transmitted by *Aceria cajani*.
- 2 Shot holes or pin holes on sorghum leaves is due to stem borer.
- 3 *Dichocrocis punctiferalis* is potential pest of castor.
- 4 Cecidogen is responsible for gall formation due to gall midge.
- 5 *Tuta absoluta* is an introduced pest.
- 6 Use of alkathene sheets around mango trunk for the management of mealybugs.
- 7 Excessive use of nitrogen application decreases incidence of BPH.
- 8 *Cylas formicarius* is a serious pest on paddy.
- 9 *Sesamia inferens* is a pest on maize.
- 10 Recent outbreak of pest on Bt cotton noticed was spotted bollworm.

II Write short notes on ANY FIVE of the following

(5x2=10)

- 1 Onion thrips.
- 2 Red hairy caterpillar in groundnut.
- 3 Budworm in Moringa.
- 4 Citrus fruit sucking moth.
- 5 Brinjal shoot and fruit borer.
- 6 Pink bollworm in cotton.
- 7 Pomegranate fruit borer.

III Answer ANY FIVE of the following

(5x4=20)

- 1 List the important pests of pulses with scientific name.
- 2 Cotton sucking pests with scientific name and their management
- 3 Write the important pests of banana with their scientific name and management of bananaskipper.
- 4 Write the nature of damage and the management of *Plutella xylostella*
- 5 Write the nature of damage and IPM for mango leafhoppers.
- 6 Enlist the important pests of tomato and write the IPM for tomato fruit borer.
- 7 List the pests of Cucurbitaceous vegetables and write the management of fruit fly.

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 List the important pests of paddy with scientific name and write the IPM for yellow stem borer.
- 2 List out the sugarcane pests with scientific name, nature of damage and write the IPM for sugarcane woolly aphid.
