



KERALA AGRICULTURAL UNIVERSITY

B. Sc. (Hons.) Ag. 2016 admission

VI Semester Final Examination - July-2019

nto.3205

Management of beneficial insects and non insect pests (1+1)

Marks: 50

Time: 2 hours

I

Fill in the blanks

(10x1=10)

- 1 Mass queen rearing is done by method.
- 2 Silk is expelled from the silk gland through
- 3 Red gram sterility mosaic is transmitted by.....
- 4 Indian Institute of Natural Resins and Gums is located at
- 5 Study of mites and ticks is known as

State True or false

- 6 Muscardine disease in silkworm is caused by fungus.
- 7 Carbon monoxide is a potent anticoagulant rodenticide.
- 8 Bee venom is used for the treatment of arthritis and rheumatism.
- 9 Porcupines are mammals and act as pests.
- 10 *Drosophila melanogaster* is widely used for genetic studies.

II

Write short notes on ANY FIVE of the following

(5x2=10)

- 1 Migratory bee keeping.
- 2 Meliponiculture.
- 3 Uzi fly management.
- 4 Insects used for scientific studies.
- 5 Distinguishing characters of ticks and mites.
- 6 Mechanical methods of rodent management.
- 7 Molluscicide.

III

Answer ANY FIVE of the following

(5x4=20)

- 1 Honey extraction and processing of honey.
- 2 Bee diseases.
- 3 Processing of cocoons.
- 4 Direct and Indirect damages caused by phytophagous mites.
- 5 Chemical control of phytophagous mites.
- 6 Rodenticides.
- 7 Bird pests and their management.

IV

Write an essay on ANY ONE of the following

(1x10=10)

- 1 Scope of sericulture in Kerala and write in detail about Mulberry, Eri, Tassar and Muga silk worms.
- 2 Phytophagous mites infesting tea plantations and their management.
