



K20P 0139

Reg. No. :

Name :

**IV Semester M.Sc. Degree (CBSS – Reg./Suppl./Imp.)
Examination, April 2020
(2016 Admission Onwards)
ZOOLOGY**

ZOO4E03(B) : Agricultural, Medical and Forensic Entomology

Time : 3 Hours

Max. Marks : 60

I. Answer **any two** of the following.

- 1) Give an account of the classification of insect pests with examples.
- 2) Describe the morphological adaptations of insect vectors.
- 3) What is meant by Integrated Pest Management ? Discuss IPM of agroecosystems.
- 4) Describe the pheromonal control of insect pests. Discuss advantages and disadvantages of the method. **(2×12=24)**

II. Answer **any two** of the following.

- 5) Define insect attractants. Discuss the types of attractants and their applications.
- 6) What is meant by forensic entomology ? Comment on insects used on forensic entomology.
- 7) Discuss the mechanisms involved in insecticide resistance.
- 8) Write an essay on various methods employed in mosquito control. **(2×8=16)**

III. Answer **any four** of the following.

- 9) Comment on insect growth regulators.
- 10) Define insect antifeedants. Add a note on advantages and disadvantages.
- 11) Write a note on insect pests of banana.
- 12) Give a brief account of microbial control of pests.
- 13) Comment on the poisonous insects.
- 14) Explain synthetic organic compounds with examples. **(4×5=20)**