



K19P 0128

Reg. No. :

Name :

**IV Semester M.Sc. Degree (Reg./Suppl./Imp.) Examination, April 2019
(2014 Admission Onwards)**

ZOOLOGY

ZOO4E03 (B) : Agricultural, Medical and Forensic Entomology

Time : 3 Hours

Max. Marks : 60

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

- 1) Discuss the advantages and disadvantages of biological control. Add a note on important biocontrol projects undertaken in India.
- 2) Define integrated pest management. Write an essay on integrated pest management in agroecosystems.
- 3) Give an account of epidemiology, clinical aspects and treatment of African sleeping sickness.
- 4) Write an essay on methods employed in mosquito control. (2×12=24)

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

- 5) Give the classification of insecticides.
- 6) Explain forensic entomology. Add a note on insects used in forensic entomology.
- 7) Enumerate the major coconut pests. Give an account on damage caused by them and control measures employed.
- 8) Give an account of insects of veterinary importance. (2×8=16)

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

- 9) Define insect antifeedants with examples.
- 10) Briefly discuss insecticide resistance.
- 11) Comment on poisonous insects with examples.
- 12) Explain insect growth regulators.
- 13) Comment on botanical insecticides.
- 14) Write a note on maggot therapy. (4×5=20)