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K23P 0224

Reg. No. :

Name :

IV Semester M.Sc. Degree (CBSS – Reg./Supple./Imp.)
Examination, April 2023
(2019 Admission Onwards)
ZOOLOGY
ZOO4E03(B) : Agricultural, Medical and Forensic Entomology

Time : 3 Hours

Max. Marks : 60

I. Answer **any two** of the following. (2×12=24)

- 1) Describe the life history, nature of damage and control measures of any four pests of Coconut.
- 2) Explain the process of biological control of insect pests. Add notes on its merits and demerits.
- 3) Give an elaborate account of the toxicology and mode of action of synthetic organic insecticides.
- 4) Comment on the major insect fauna on a cadaver.

II. Answer **any 2** of the following. (2×8=16)

- 5) Give an account on any four pests attacking fruit trees.
- 6) Explain the autocidal control of insect pests.
- 7) Describe different methods of larval and adult mosquito control.
- 8) Explain insecticide synergists.

III. Answer **any 4** of the following. (4×5=20)

- 9) Describe any two pests of turmeric and ginger.
 - 10) Describe the different levels of injury caused by insect pests to plants.
 - 11) Differentiate key pest and occasional pest giving examples.
 - 12) Explain fumigation as a method of pest control. Add note on its advantages and precautions to be taken.
 - 13) Give an account on African sleeping sickness.
 - 14) Explain microbial control of pests.
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