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K22P 3340

Reg. No. :

Name :

**IV Semester M.Sc. Degree (C.B.S.S. – Reg./Supple./Imp.)
Examination, April 2022**

(2018 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 various methods employed in the control of mosquitoes.
- 2) Write an essay on nature of damage and control of insect pests of stored products.
- 3) Describe the morphological adaptations of insect vectors.
- 4) Give a brief account of insecticide formulation. **(2×12=24)**

II. Answer any two of the following :

- 5) Explain autocidal control in insect pest management.
- 6) Give an account of mechanisms involved in insecticide resistance.
- 7) What is meant by fumigation ? Comment on methods and hazards of fumigation.
- 8) Give the classification of insect pests with examples. **(2×8=16)**

III. Answer any four of the following :

- 9) Write a note on myiasis.
- 10) Define synthetic pyrethroids. Mention uses with examples.
- 11) Explain the use of insects in forensic studies.
- 12) Write a note on assassin bugs.
- 13) Comment on botanical insecticides.
- 14) Give a brief account of insect growth hormones and mimics. **(4×5=20)**