



K24P 0340

Reg. No. : .....

Name : .....

IV Semester M.Sc. Degree (C.B.S.S. – Reg./Supple.-(One Time Mercy  
Chance)/Imp.) Examination, April 2024  
(2016 Admission Onwards)

ZOOLOGY

ZOO4E03(B) : Agricultural, Medical and Forensic Entomology

Time : 3 Hours

Max. Marks : 60

I. Answer **any 2** of the following :

- 1) Give an elaborate account of the toxicology and mode of action of organophosphorous insecticides and carbamates.
- 2) Describe mosquito borne diseases and their vectors.
- 3) Briefly explain different insect pest control measures used in IPM.
- 4) Describe the life history, nature of damage and control measures of any four pests of Paddy. (2×12=24)

II. Answer **any 2** of the following :

- 5) Give an account on any four pests of sugarcane.
- 6) Elaborate on insect repellents.
- 7) Describe insecticide resistance.
- 8) Give an account on the pests of cotton. (2×8=16)

III. Answer **any 4** of the following :

- 9) Describe the different levels of injury caused by insect pest to plants.
- 10) Differentiate persistent and sporadic pests with examples.
- 11) What are insecticide synergists ?
- 12) Give an account on Maggot therapy.
- 13) Give an account on IGRs.
- 14) Explain the life history, damage and control of *Batocera rufomaculata*. (4×5=20)