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VA—66—2024

FACULTY OF SCIENCE & TECHNOLOGY

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

NOVEMBER/DECEMBER, 2024

(CBCS/New Pattern)

ZOOLOGY

Paper-XIII

(Applied Zoology-C)

(Entomology-I)

(Wednesday, 11-12-2024)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (1) Attempt *all* questions.

(2) Illustrate your answers with suitable labelled diagram wherever necessary.

1. Describe methods of collection, preservation and study of insect. 15

Or

(a) Describe respiratory system of Cockroach. 8

(b) Describe central nervous system of Cockroach. 7

2. Describe order Diptera with a suitable example. 15

Or

(a) Describe effect of food and humidity on insect life. 8

(b) Describe hormonal control of metamorphosis in Insect. 7

P.T.O.

WT

(2)

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3. Solve any *two* of the following :

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- (a) Medical entomology
- (b) Ametabolus insect
- (c) Dragon fly
- (d) Sense organ of Cockroach.

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