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NA—27—2023

FACULTY OF SCIENCE AND TECHNOLOGY

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

NOVEMBER/DECEMBER, 2023

(CBCS/New Pattern)

ZOOLOGY

Paper XIV

(Ethology, Biometry and Bioinformatics)

(Friday, 8-12-2023)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Illustrate your answers with suitable labelled diagrams wherever necessary.

1. Describe social behaviour in Honey bee. 15

Or

(a) Describe aggressive and warning colouration. 8

(b) Describe Tactile Communication. 7

2. Describe mean, median and mode with merits and demerits. 15

Or

(a) Describe Pie-diagram with example. 8

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(2)

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- (b) Describe quantitative and qualitative types of classification of data. 7
3. Attempt any *two* out of the four : 10
- (a) Instincts inborn animal behaviour
- (b) Chemical communication
- (c) Histogram graphic representation of data
- (d) Search engines.

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