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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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- (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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