

This question paper contains 2 printed pages]

**VA—27—2024**

**FACULTY OF SCIENCE AND TECHNOLOGY**

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

**NOVEMBER/DECEMBER, 2024**

**(CBCS/New Pattern)**

**ZOOLOGY**

**Paper—XIV**

**(Ethology, Biometry and Bioinformatics)**

**(Thursday, 5-12-2024)**

**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 insects Honeybee. 15

*Or*

(a) Describe protective and aggressive mimicry. 8

(b) Describe chemical communication. 7

2. Describe computer and their applications in Biology. 15

*Or*

(a) Describe Mean and Mode with its merits and demerits. 8

(b) Describe polygon frequency curve. 7

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VA—27—2024

3. Attempt any *two* of the following : 10

- (a) Reasoning acquired animal behavior
- (b) Tactile communication
- (c) Geographical classification
- (d) World Wide Web.

VA—27—2024

2