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**SB—46—2022**

**FACULTY OF SCIENCE & TECHNOLOGY**

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

**MAY/JUNE, 2022**

**(CBCS/New Pattern)**

**ZOOLOGY**

**Paper-XIV**

**(Ethology, Biometry & Bioinformatics)**

**(Saturday, 11-6-2022)**

**Time : 10.00 a.m. to 12.30 p.m.**

*Time— 2½ Hours*

*Maximum Marks—40*

*N.B. :— (i) Attempt all questions.*

*(ii) All questions carry equal marks.*

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

1. Attempt any *four* of the following : 8

(a) Instincts

(b) Aggressive Coloration

(c) Qualitative data

(d) Median

(e) NCBI

(f) Histogram.

2. Attempt any *two* of the following : 8

(a) Tactile Communication

(b) Conditioning

(c) Aggressive Mimicry.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Describe aggressive mimicry with examples.
  - (b) Discuss learning by Imprinting and Reasoning.
4. Attempt any *two* of the following : 8
- (a) Elaborate about Discontinuous and Continuous Data.
  - (b) Describe the different search engines.
  - (c) Explain about the Pie Diagram and Polygon Frequency Curve.
5. Attempt any *one* of the following : 8
- (a) Discuss Computer and their applications in Biology.
  - (b) Elaborate about Internet and its uses.