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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.
 - (iii) 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.

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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.