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SA—27—2025

FACULTY OF SCIENCE AND TECHNOLOGY

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

MARCH/APRIL, 2025

ZOOLOGY

Paper—XIV

(Ethology, Biometry and Bioinformatics)

(Tuesday, 15-4-2025)

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 inborn or stereotyped animal behaviour—Taxis and Instincts with examples. 15

Or

(a) Describe protective and aggressive colouration. 8

(b) Describe Auditory communication. 7

2. Describe internet and its uses. 15

Or

(a) Describe types of classification of qualitative and quantitative data. 8

(b) Describe Histogram with examples. 7

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(2)

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3. Attempt any *two* of the following :

10

- (a) Imprinting acquired animal behaviour
- (b) Tactile communication
- (c) Mean central tendency
- (d) Search engines.