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**SB—47—2022**

**FACULTY OF SCIENCE**

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

**JUNE/JULY, 2022**

**(CBCS/Old Pattern)**

**ZOOLOGY**

**Paper XIV**

**(Ethology, Biometry and 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) Illustrate your answers with suitable diagrams.*

1. Describe social behaviour in honey bees. 15

*Or*

(a) Tactile communication 8

(b) Protective mimicry. 7

2. Discuss different types of classification of data. 15

*Or*

(a) Applications of bioinformatics 8

(b) Search engines. 7

3. Write notes on any *two* of the following : 10

(a) Instincts

(b) Aggressive coloration

(c) Polygon frequency curve

(d) Application of computers in Biology.

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