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**AO—78—2018**

**FACULTY OF SCIENCE**

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

**MARCH/APRIL, 2018**

**ZOOLOGY**

**Paper XIV**

**(Ethology, Biometry and Bioinformatics)**

**(Wednesday, 28-3-2018)**

**Time : 10.00 a.m. to 12.00 noon**

**Time—Two Hours**

**Maximum Marks—40**

**N.B. :— (i) Attempt All questions.**

**(ii) Illustrate your answer with suitable diagram wherever necessary.**

1. Write short notes on any *four* : 8
  - (a) Taxis
  - (b) Conditioning
  - (c) Aggressive colouration
  - (d) Standard error
  - (e) Internet
  - (f) NCBI.
2. Write notes on any *two* : 8
  - (a) Instincts
  - (b) Imprinting
  - (c) Waggle Dance
  - (d) Queen and Drones of Honey Bee.
3. Write notes on any *two* : 8
  - (a) Auditory communication
  - (b) Tactile communication
  - (c) Concious mimicry
  - (d) Protective colouration.

**P.T.O.**

4. Write notes on any *two* :

8

- (a) Qualitative data
- (b) Median
- (c) Standard deviation
- (d) Histogram.

5. Describe in detail any *one* of the following :

8

- (a) Computer and its applications in Biology
- (b) Applications of bioinformatics.