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**R—83—2017**

**FACULTY OF SCIENCE**

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

**MARCH/APRIL, 2017**

**ZOOLOGY**

**Paper XIV**

**(Ethology, Biometry and Bioinformatics)**

**(Wednesday, 5-4-2017)**

**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 diagram wherever necessary.**

1. Write short notes on (any four) : 8
  - (a) Ethology
  - (b) Imprinting
  - (c) Protective mimicry
  - (d) Quantitative data
  - (e) Standard deviation
  - (f) WWW.
2. Write notes on (any two) : 8
  - (a) Taxis
  - (b) Conditioning
  - (c) Workers of Honey bee
  - (d) Reasoning.
3. Write notes on (any two) : 8
  - (a) Visual communication
  - (b) Auditing communication
  - (c) Warning colouration.

**P.T.O.**

4. Write notes on (any *two*) : 8
- (a) Primary data
  - (b) Quantitative data
  - (c) Mean
  - (d) Histogram.
5. Describe in detail any *one* of the following : 8
- (a) Internet and its uses
  - (b) What is bioinformatics ? Describe its applications.