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BF—84—2016

FACULTY OF SCIENCE

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

OCTOBER/NOVEMBER, 2016

ZOOLOGY

Paper XIV

(Ethology, Biometry and Bioinformatics)

(Friday, 21-10-2016)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

(iii) Illustrate your answer with suitable diagram wherever necessary.

1. Write short notes on any *four* : 8
 - (a) Ethology
 - (b) Instinct behaviour
 - (c) Protective colouration
 - (d) Mean
 - (e) Primary data
 - (f) WWW.

2. Write notes on any *two* : 8
 - (a) Imprinting
 - (b) Reasoning
 - (c) Queen and Workers of Honeybee
 - (d) Taxis behaviour.

P.T.O.

3. Write notes on any *two* : 8
- (a) Tactile communication
 - (b) Visual communication
 - (c) Protective mimicry
 - (d) Warning colouration.
4. Write notes on any *two* : 8
- (a) Chronological data
 - (b) Qualitative data
 - (c) Pie diagram
 - (d) Histogram.
5. Describe in detail any *one* of the following : 8
- (a) Computer and their applications in Biology
 - (b) Applications of Bioinformatics.