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**W—99—2018**

**FACULTY OF SCIENCE**

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

**OCTOBER/NOVEMBER, 2018**

**(CGPA Pattern)**

**ZOOLOGY**

**Paper XII**

**(Ecology and Zoogeography)**

**(Monday, 22-10-2018)**

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

**Time—2 Hours**

**Maximum Marks—40**

**N.B. :— (i) All questions are compulsory.**

**(ii) Draw well labelled diagrams wherever necessary.**

**(iii) All questions carry equal marks.**

**1. Write notes on any *four* of the following : 8**

**(a) Abiotic components**

**(b) Natality**

**(c) Fossil fuels**

**(d) Endangered species**

**(e) Biosphere**

**(f) Greenhouse effect.**

**2. Write notes on any *two* of the following : 8**

**(a) Pond ecosystem**

**(b) Biotic components of ecosystem**

**(c) Lithosphere**

**(d) Xerach.**

**3. Write notes on any *two* of the following : 8**

**(a) Age distribution**

**P.T.O.**

- (b) Commensalism
- (c) Population growth
- (d) Predation.
4. Write notes on any *two* of the following : 8
- (a) Control measures of air pollution
- (b) Effects and control measures of water pollution
- (c) Nuclear power
- (d) Advantages and disadvantages of conventional energy resources.
5. Describe any *one* of the following : 8
- (a) What is endangered species ? Give an account on endangered species of India.
- (b) Describe the physical features and fauna of Australian and Indian/Oriental realm.