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**Y—114—2019**

**FACULTY OF SCIENCE**

**B.Sc. (Third Year) (Fifth Semester) (Backlog) EXAMINATION**

**NOVEMBER/DECEMBER, 2019**

**(CGPA Pattern)**

**ZOOLOGY**

**Paper XII**

**(Ecology and Zoogeography)**

**(Friday, 20-12-2019)**

**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) Consumers
  - (b) Parasitism
  - (c) Hydel power
  - (d) Australian realm
  - (e) Hydrosphere
  - (f) Aquatic adaptation.
2. Write notes on any *two* of the following : 8
  - (a) Oxygen cycle
  - (b) Atmosphere
  - (c) Desert ecosystem
  - (d) Temperature as an abiotic component.

P.T.O.

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

8

- (a) Natality
- (b) Population density
- (c) Predation
- (d) Mutualism.

4. Write notes on any *two* of the following :

8

- (a) Sources and effects of air pollution
- (b) Sources and control measures of water pollution
- (c) Advantages of non-conventional energy resources
- (d) Fossil fuels.

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

8

- (a) What is wildlife ? Explain aims and necessity of wildlife conservation.
- (b) Ecological adaptations of animals to desert life.