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B—114—2019

FACULTY OF SCIENCE

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

MARCH/APRIL, 2019

(CGPA Pattern)

ZOOLOGY

Paper XII

(Ecology and Zoogeography)

(Monday, 1-4-2019)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

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

(ii) Draw well labelled diagram wherever necessary.

(iii) All questions carry equal marks.

1. Write notes on any *four* of the following : 8
 - (a) Consumers
 - (b) Mortality
 - (c) Tidal energy
 - (d) Indian/Oriental ream
 - (e) Hydrosphere
 - (f) Primary air pollutants.
2. Write notes on any *two* of the following : 8
 - (a) Desert ecosystem
 - (b) Oxygen cycle
 - (c) Atmosphere
 - (d) Water as abiotic components of ecosystem.
3. Write notes on any *two* of the following : 8
 - (a) Population density
 - (b) Mutualism
 - (c) Population growth form
 - (d) Parasitism.

P.T.O.

4. Write notes on any *two* of the following : 8
- (a) Sources and control measures of water pollution
 - (b) Sources and effect of noise pollution
 - (c) Advantages of non-conventional energy resources
 - (d) Fossil fuels.
5. Describe in detail any *one* of the following : 8
- (a) What is endangered species ? Explain in detail control measures to protect endangered species.
 - (b) Ecological adaptations of animals to desert life.