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R—90—2017

FACULTY OF SCIENCE

B.Sc. (Fifth Semester) EXAMINATION

MARCH/APRIL, 2017

ZOOLOGY

Paper XII

(Ecology and Zoogeography)

(Thursday, 6-4-2017)

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) Producer
 - (b) Natality
 - (c) Solar energy
 - (d) Australian realm
 - (e) Hydrarch
 - (f) Lithosphere.
2. Write notes on any *two* of the following : 8
 - (a) Pond ecosystem
 - (b) Oxygen cycle
 - (c) Greenhouse effect
 - (d) Atmosphere.
3. Write notes on any *two* of the following : 8
 - (a) Age distribution
 - (b) Predation
 - (c) Population density
 - (d) Mutualism.

P.T.O.

4. Write notes on any *two* of the following : 8
- (a) Air pollution (sources and effect)
 - (b) Hydel power
 - (c) Sources and effect of water pollution
 - (d) Fossil fuels.
5. Describe in detail any *one* of the following : 8
- (a) What is endangered species ? Explain in detail control measure to protect endangered species.
 - (b) Ecological adaptation of animals to aquatic life.