

This question paper contains 2 printed pages]

BF—90—2016

FACULTY OF SCIENCE

B.Sc. (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2016

ZOOLOGY

Paper-XII

(Ecology and Zoogeography)

(Saturday, 22-10-2016)

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 diagram whenever necessary.

(iii) All questions carry equal marks.

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

- (a) Decomposer
- (b) Population density
- (c) Wind energy
- (d) Endangered species
- (e) Biosphere
- (f) Aquatic adaptation.

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

- (a) Oxygen cycle
- (b) Temperature as abiotic component
- (c) Atmosphere
- (d) Xerarch.

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

- (a) Mutualism
- (b) Natality and mortality
- (c) Competition
- (d) Population growth form.

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BF—90—2016

4. Write notes on any *two* of the following : 8
- (a) Control measures of air pollution
 - (b) Sources and effects of water pollution
 - (c) Nuclear power
 - (d) Solar energy.
5. Describe in detail any *one* of the following : 8
- (a) What is wild life ? Give an account of endangered species of India.
 - (b) Describe in detail physical features and fauna of Australian and Indian realm.

BF—90—2016

2