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V—108—2017

FACULTY OF SCIENCE

B.Sc. (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2017

ZOOLOGY

Paper XIII (D)

(Environmental Biology—I)

(Friday, 17-11-2017)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

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

(ii) Draw diagrams wherever necessary.

(iii) All questions carry equal marks.

1. Answer any *four* from the following : 8

(a) Composition of Atmosphere

(b) Components of Ecosystem

(c) Ex-situ conservation

(d) Zoological parks

(e) Importance of conservation

(f) Marine habitat.

2. Answer any *two* questions from the following : 8

(a) Process of soil formation

(b) Hydrosphere

(c) Nitrogen cycle

(d) Carbon cycle.

3. Answer any *two* questions from the following : 8

(a) Energy flow in ecosystem

(b) Food web

P.T.O.

- (c) Ecological pyramids
 - (d) Food chain.
4. Answer any *two* questions from the following : 8
- (a) Importance of Biodiversity
 - (b) In-situ conservation
 - (c) Man and wildlife conflict
 - (d) Conservation of wildlife.
5. Answer any *one* question from the following : 8
- (a) Conservation of wildlife
 - (b) Zoological parks in Maharashtra.