

This question paper contains 2 printed pages]

**W—125—2018**

**FACULTY OF SCIENCE**

**B.Sc. (Fifth Semester) EXAMINATION**

**OCTOBER/NOVEMBER, 2018**

**(CGPA Pattern)**

**ZOOLOGY**

**Paper XIII**

**(Environmental Biology—I)**

**(Wednesday, 24-10-2018)**

**Time : 10.00 a.m. to 12.00 noon**

**Time—2 Hours**

**Maximum Marks—40**

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

**(ii) All questions carry equal marks.**

**(iii) Draw neat diagram wherever necessary.**

1. Answer any *four* of the following : 8
  - (a) Atmosphere
  - (b) Ecosystem
  - (c) In-situ conservation
  - (d) Zoological park
  - (e) Lithosphere
2. Answer any *two* questions from the following : 8
  - (a) Physio-chemical properties of water
  - (b) Hydrological cycle
  - (c) Atmospheric composition
  - (d) Nitrogen cycle
3. Answer any *two* questions from the following : 8
  - (a) Define ecosystem. Add a note on its components.
  - (b) Marine habitat
  - (c) Food web
  - (d) Ecological pyramid

**P.T.O.**

4. Answer any *two* questions from the following : 8
- (a) Define Biodiversity. Add a note on its importance.
  - (b) Ex-situ biodiversity conservation
  - (c) Threat to biodiversity
  - (d) Biodiversity of India
5. Answer any *one* of the following : 8
- (a) Importance of wild life conservation
  - (b) Sanctuaries and zoological parks in Maharashtra.