

.Sc. (FINAL) EXAMINATION, 2015-16

Zoology - II

(Environmental Biology and Ethology)

Attempt all five questions. All questions carry equal marks.

1) Write to the point on the following (not more than 40 words) :-

- (i) Food web
- (ii) Learning
- (iii) Reticular Formation
- (iv) Karl von bear
- (v) Energy Flow
- (vi) Overlapping of Niches
- (vii) Pyramids
- (viii) Homeostasis
- (ix) Eusociality
- (x) Konrad Lorenz.

2. Write only distinguishing points:-

- (i) Imprinting
- (ii) Energy Flow
- (iii) Memory
- (iv) Sustainable Community
- (v) Innate releasing mechanism

3. Differentiate between:

- (i) Proximate and Ultimate mechanism
- (ii) El Nino and La Nina
- (iii) Pheromones
- (iv) Niche and Ecotone
- (v) Primer and Releaser effect.

4. Write adaptation of marine animals.

Or

Describe Niche.

5. Write full note on parental care.

Or

Explain social organization in monkeys or deer's.