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W—98—2018

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Third Year) (Fifth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2018

(CBCS Pattern)

ZOOLOGY

Paper XII

(Ecology and Zoogeography)

(Monday, 22-10-2018)

Time : 10.00 a.m. to 12.00 noon

Time—Two Hours

Maximum Marks—40

N.B. :— (i) Attempt All questions.

(ii) All questions carry equal marks.

(iii) Illustrate your answers with suitable diagrams wherever necessary.

1. Attempt any *four* of the following : 8
 - (a) Food chain
 - (b) Population density
 - (c) Parasitism
 - (d) Tidal energy
 - (e) What is wildlife ?
 - (f) Oriental realm.
2. Attempt any *two* of the following : 8
 - (a) Sulphur cycle
 - (b) Xearch
 - (c) Commensalism.
3. Attempt any *one* of the following : 8
 - (a) Explain in detail desert ecosystem.
 - (b) Explain in detail population dispersal and population growth form.

P.T.O.

4. Attempt any *two* of the following : 8
- (a) Describe in detail sources and effects of Noise Pollution.
 - (b) Aquatic adaptations.
 - (c) Physical features and fauna of Australian realm.
5. Attempt any *one* of the following : 8
- (a) Describe the conventional energy resources and add a note on their limitations.
 - (b) Explain in detail wildlife in India and add a note on aims and necessity of wildlife conservation.