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B—113—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

MARCH/APRIL, 2019

(CBCS Pattern)

ZOOLOGY

Paper-XII (DSEZ-I)

(Ecology and Zoo-geography)

(Monday, 01-4-2019)

Time : 10.00 a.m. to 12.00 noon

Time—2 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) Natality.
- (c) Competition.
- (d) Solar energy.
- (e) Effects of Noise Pollution.
- (f) Australian realm.

2. Attempt any *two* of the following : 8

- (a) Ecological Pyramids.
- (b) Hydrosphere.
- (c) Population growth form.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Describe in detail Aquatic ecosystem with suitable example.
 - (b) Describe population density and population dispersal.
4. Attempt any *two* of the following : 8
- (a) Sources, effects and control of Air Pollution.
 - (b) Aquatic Adaptations.
 - (c) National Parks in India.
5. Attempt any *one* of the following : 8
- (a) Conventional energy resources.
 - (b) What is Wildlife ? Explain in detail aims and necessity of wildlife conservation.