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B—139—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

MARCH/APRIL, 2019

(CBCS Pattern)

ZOOLOGY

Paper-XIII(A)

(Pisciculture) (DSEZ-I)

(Wednesday, 3-4-2019)

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 labelled diagrams wherever necessary.

1. Attempt any *four* of the following : 8

- (a) Soil type for fish farm
- (b) Silver carp
- (c) Striping method of induced breeding
- (d) Light fishing
- (e) Alkalosis
- (f) Canning.

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

- (a) Causes of mortality in nursery ponds.
- (b) Biology of *Labeo rohita*
- (c) Bundh breeding.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Preparation and management of rearing pond.
 - (b) Describe sardine fishery.
4. Attempt any *two* of the following : 8
- (a) Freezing-drying and smoking.
 - (b) Gill rot and dermatomycosis.
 - (c) Basket trap and dragnet.
5. Attempt any *one* of the following : 8
- (a) Describe in detail Masula, catamaran, odum and vanchi.
 - (b) Write notes on fish liver oil, fish manure, fish meal and fish glue.