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Y—139—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

OCTOBER/NOVEMBER, 2019

(CBCS Pattern)

ZOOLOGY

Paper-XIII (A) (Applied Zoology)

(Pisciculture)

(Wednesday, 20-11-2019)

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) Water supply for fish farm.
- (b) Causes of mortality in nursery ponds.
- (c) Grass carp
- (d) Electrical fishing
- (e) Acidosis
- (f) Fish pearls.

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

- (a) Topography and soil type.
- (b) Biology of *Catla catla*.
- (c) Bombay duck fishery.

P.T.O.

3. Attempt any *one* of the following : 8
- (a) Prepration and management of stocking pond.
 - (b) What is induced breeding ? Explain technique of induced breeding.
4. Attempt any *two* of the following : 8
- (a) Masula and Catamaron
 - (b) Dropsy and tail rot disease
 - (c) Fish liver oil and fish body oil.
5. Attempt any *one* of the following : 8
- (a) Write note on Basket trap, Gill net, Cast net and Drag net.
 - (b) Explain chilling, freezing, salting and drying methods of fish preservation.