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AO—91—2018

FACULTY OF SCIENCE

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

MARCH/APRIL, 2018

ZOOLOGY

Paper-XV-(A)

(Pisciculture-II)

(Monday, 02-04-2018)

Time : 10.00 a.m. to 12.00 noon

Time—2 Hours

Maximum Marks—40

N.B. :— (i) Attempt all questions.

(ii) Draw well labelled diagrams wherever necessary.

(iii) All questions carry equal marks.

1. Write notes on any *four* of the following : 8

(a) Soil type

(b) Transportation of Fish seed

(c) Symptoms of Costiasis

(d) Fish glue

(e) Dry bundh

(f) Liming of pond.

2. Write notes on any *two* of the following : 8

(a) Control of aquatic weeds.

(b) Management of Fertilization and feeding in stocking pond.

(c) Topography and water supply.

(d) Causes of fish seed mortality in nursery pond.

P.T.O.

3. Write notes on any *two* of the following : 8
- (a) Biology of *Cirrhinus mrigala*.
 - (b) Induced breeding by hypophysation.
 - (c) Stripping methods.
 - (d) Wet bundh Breeding.
4. Write notes on any *two* of the following : 8
- (a) Drag net and cast net
 - (b) Ichthyophthirius
 - (c) Masula and catamaron
 - (d) Nutritional fish diseases.
5. Solve any *one* of the following : 8
- (a) Describe in detail drying, chilling, smoking and salting methods of fish preservation.
 - (b) Give an account on various fish by-products.