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Y—143—2019

FACULTY OF SCIENCE AND TECHNOLOGY

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

OCTOBER/NOVEMBER, 2019

(CGPA Pattern)

ZOOLOGY

Paper XIII (A) (Applied Zoology)

(Aquaculture-I)

(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) Draw well labelled diagram wherever necessary.

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

- (a) Scope of Aquaculture.
- (b) Agricultural Sewage.
- (c) Marginal Weeds
- (d) Biological properties of water.
- (e) Extensive aquaculture.
- (f) Aquarium fishes.

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

- (a) Monoculture.
- (b) Polyculture.
- (c) Fish-cum-duck farming.
- (d) Fish-cum-pig farming.

P.T.O.

3. Write notes on any *two* of the following : 8
- (a) Pen Culture.
 - (b) Composition of Sewage.
 - (c) Domestic Sewage.
 - (d) Cage Culture.
4. Write notes on any *two* of the following : 8
- (a) Manual and Mechanical control of Aquatic weeds.
 - (b) Advantages and disadvantages of Aquatic weeds.
 - (c) Fresh water Prawn culture.
 - (d) Edible oyster culture.
5. Solve any *one* of the following : 8
- (a) Describe in detail physical and chemical properties of water.
 - (b) Explain in detail Maintenance of Aquarium and add a note on significance of Aquarium keeping.