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AO—102—2018

FACULTY OF SCIENCE

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

MARCH/APRIL, 2018

ZOOLOGY

Paper XIII (A)

(Aquaculture—I)

(Tuesday, 03-04-2018)

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 diagrams wherever necessary.

1. Write notes on any *four* of the following : 8
 - (a) Extensive aquaculture
 - (b) Importance of polyculture
 - (c) Composition of sewage
 - (d) Manual control of aquatic weeds
 - (e) Biological properties of water
 - (f) Significance of aquarium keeping
2. Write notes on any *two* of the following : 8
 - (a) What is aquaculture ? Describe scope of aquaculture.
 - (b) Monoculture
 - (c) Paddy cum-fish culture
 - (d) Fish-cum duck farming
3. Write notes on any *two* of the following : 8
 - (a) Pen culture
 - (b) Cage culture
 - (c) Domestic sewage
 - (d) Agricultural sewage

P.T.O.

4. Write notes on any *two* of the following : 8
- (a) Define aquatic weeds. Explain its advantages and disadvantages.
 - (b) Types of aquatic weeds.
 - (c) Freshwater prawn culture.
 - (d) Edible oyster culture
5. Solve any *one* of the following : 8
- (a) Physical and chemical properties of water
 - (b) Construction and setting up of aquarium.