

This question paper contains **2** printed pages]

R—110—2017

FACULTY OF SCIENCE

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

MARCH/APRIL, 2017

ZOOLOGY

Paper XIII

(Aquaculture-I)

(Saturday, 8-4-2017)

Time : 10.00 a.m. to 12.00 noon

Time—Two 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) Monoculture
- (b) Composition of sewage
- (c) Concept of extensive aquaculture
- (d) Floating aquatic weeds
- (e) Salinity and hardness of water
- (f) Significance of aquarium keeping.

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

- (a) Scope and importance of aquaculture
- (b) Polyculture
- (c) Cattle-cum fish farming
- (d) Fish-cum duck farming.

P.T.O.

3. Write notes on any *two* of the following : 8
- (a) Pen culture
 - (b) Cage culture
 - (c) Agricultural sewage
 - (d) Industrial effluents.
4. Write notes on any *two* of the following : 8
- (a) Chemical control of aquatic weeds
 - (b) Advantages and disadvantages of aquatic weeds
 - (c) Fresh water prawn culture
 - (d) Pearl oyster culture.
5. Solve any *one* of the following : 8
- (a) Physical and Biological properties of water
 - (b) Setting up and maintenance of aquarium.