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V—105—2017

FACULTY OF SCIENCE

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

OCTOBER/NOVEMBER, 2017

ZOOLOGY

Paper XIII (A)

(Aquaculture-I)

(Friday, 17-11-2017)

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) Importance of aquaculture
 - (b) Monoculture
 - (c) Domestic sewage
 - (d) Disadvantages of aquatic weeds
 - (e) Chemical properties of water
 - (f) Significance of aquarium keeping.
2. Write notes on any *two* of the following : 8
 - (a) Explain concept of extensive and intensive aquaculture.
 - (b) Paddy-cum-fish culture
 - (c) Fish-cum-pig farming
 - (d) Fish-cum-duck farming.
3. Write notes on any *two* of the following : 8
 - (a) Pen culture
 - (b) Cage culture
 - (c) Agricultural sewage
 - (d) Write on composition and use of sewage in aquaculture. Add a note on fish species suitable for sewage fed fish culture.

P.T.O.

4. Write notes on any *two* of the following : 8
- (a) Explain floating and sub-merged aquatic weeds.
 - (b) Chemical control of aquatic weeds
 - (c) Edible oyster culture
 - (d) Pearl oyster culture.
5. Solve any *one* of the following : 8
- (a) Physical and biological properties of water
 - (b) Construction and maintenance of aquarium.