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**W—122—2018**

**FACULTY OF SCIENCE**

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

**OCTOBER/NOVEMBER, 2018**

**(CGPA Pattern)**

**ZOOLOGY**

**Paper XIII (A)**

**(Aquaculture—I)**

**(Wednesday, 24-10-2018)**

**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) Intensive aquaculture
  - (b) Monoculture
  - (c) Define Sewage. Explain use of sewage in aquaculture.
  - (d) Advantages of aquatic weeds
  - (e) Physical properties of water
  - (f) Aquarium fishes
2. Write notes on any *two* of the following : 8
  - (a) Define aquaculture. Describe importance of aquaculture.
  - (b) Polyculture
  - (c) Cattle-cum fish farming
  - (d) Fish-cum pig farming
3. Write notes on any *two* of the following : 8
  - (a) Cage culture
  - (b) Pen culture
  - (c) Industrial effluents
  - (d) Domestic sewage

P.T.O.

4. Write notes on any *two* of the following :

8

- (a) Types of aquatic weeds
- (b) Manual, mechanical and biological control of aquatic weeds
- (c) Pearl oyster culture
- (d) Fresh water prawn culture

5. Solve any *one* of the following :

8

- (a) Chemical and Biological properties of water
- (b) Setting and maintenance of aquarium.