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**PG/IVS/AMT-404/14**

**M.Sc. 4th Semester Examination, 2014**

**AQUACULTURE MANAGEMENT AND  
TECHNOLOGY**

*( Fisheries Legislation, Statistics, Computer  
application and Business Management )*

**PAPER – AMT - 404**

*Full Marks : 40*

*Time : 2 hours*

*The figures in the right-hand margin indicate marks  
Candidates are required to give their answers in their  
own words as far as practicable  
Illustrate the answers wherever necessary*

1. Answer any *four* of the following : 2 × 4
- (a) How would you define computer ?
  - (b) What is programming Language ?
  - (c) Write a short note on level of significance.

*( Turn Over )*

( 2 )

- (d) Name the Maritime states of India.
- (e) What do you mean by closed fishing season ?
- (f) Write briefly on the Maritime zones of India Act, 1981.
- (g) State the function of FFDA.
- (h) What are the coastal Regulation zones (CRZ) ?

2. Answer any *four* of the following : 4 × 4

- (a) State the characteristics possessed by RAM.
- (b) Give the block diagram of Von-neumann architecture of computer.
- (c) Write the role of NABARD in development of fisheries.
- (d) Briefly discuss the important features of Indian Fisheries Act, 1897.
- (e) State the importance of EEZ.

( 3 )

(f) Briefly write on the Coast Guard Act, 1976.

(g) State the importance and application of chi-square test.

(h) Calculate the standard deviation (SD) from the following table :

Length of fish(cm)	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90
No. of fish	12	9	17	14	21	15	18	4

3. Answer any *two* of the following :  $8 \times 2$

(a) Discuss about the model bill on Inland Fisheries and Aquaculture, 2005. 8

(b) Name the financial institutions providing credit support for the development of fisheries in India. Add a note on the financial set up by the commercial banks to support fisheries. 4 + 4

(c) What is pie-chart ? Compare among mean, median and mode. Add a note on the measures of dispersion. 2 + 3 + 3

( 4 )

(d) Write short notes on :

2 × 4

(i) Marine Fishing Regulation Act (MFRA)

(ii) Objectives of MPEDA

(iii) Degrees of freedom

(iv) Bit and Byte.

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