

2017

**AQUACULTURE MANAGEMENT**

[ **Honours** ]

**PAPER – VI**

*Full Marks : 90*

*Time : 4 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*

[ **OLD SYLLABUS** ]

1. Answer *ten* questions from the following :

(a) What is hypothesis testing ?

2 × 10

(b) What is sample ?

(c) What is consumption ?

- (d) What is market equilibrium ?
- (e) What is histogram ?
- (f) What is consumer surplus ?
- (g) State the objectives of fisheries cooperatives.
- (h) What is capital budgeting ?
- (i) Differentiate hardware from software.
- (j) Write differences between RAM and ROM.
- (k) What is null hypothesis ?
- (l) What is computer virus ?
- (m) Define price.
- (n) What is community health ?
- (o) Explain the analysis of variance.

**GROUP – A**

2. Answer any *two* questions from the following :

- (a) What is chi-square test ? Briefly explain it with example. 10 × 2
- 2 + 8

(b) Write short notes on the following :  $2\frac{1}{2} \times 4$

(i) E-mail

(ii) Windows operating system

(iii) Memory unit

(iv) Secondary storage unit.

(c) (i) What is variance ? 2

(ii) Find the standard deviation (SD) and coefficient of variation from the following table given wages of 240 persons : 8

Wages	70-80	80-90	90-100	100-110	110-120	120-130	130-140	140-150
No. of persons	12	18	35	42	50	45	20	18

3. Answer any *one* of the following :  $15 \times 1$

(a) (i) Define LAN. 2

(ii) What is Arithmetic Mean(AM)? 2

(iii) Write the application of software packages in fisheries statistics and stock assessment. 6

- (iv) Define random sampling. 2
- (v) Mention the role of FFDA in fisheries development. 3
- (b) (i) What is central tendency? Calculate the standard error of mean (SEM) from the following table : 2 + 8

<u>Length of Penaeus monodon (cm)</u>	<u>Numbers</u>
15-20	16
20-25	14
25-30	12
30-35	13
35-40	15
40-45	10

- (ii) Discuss law of supply. 3
- (iii) What is profit maximisation? 2

### GROUP – B

4. Answer any *two* questions from the following : 10 × 2
- (a) (i) Write different planning programme for fisheries extension. 4

- (ii) Discuss the role of NGO's in fisheries activities and socio economic development of our country. 6
- (b) (i) What is meant by Financing Agencies ? 2
- (ii) Mention the role of different Financing Agencies for the development of fisher folk society in West Bengal. 6
- (iii) Write two important role of international trade for the employment opportunities in fisheries. 2
- (c) (i) Enumerate different problem arises for fisheries extension in rural West Bengal. 3
- (ii) What are the benefits of rapid rural appraisal technique ? 2
- (iii) Discuss the role of WBCADC for fisheries extension in West Bengal. 5
5. Answer any *one* question from the following : 15 × 1
- (a) (i) What do you mean by fishery extension ? 3

**(ii) Discuss the role of SHG for aquaculture development in West Bengal. 6**

**(iii) Describe different procedure for fisheries extension programme taken by Govt. of West Bengal. 6**

**(b) Write notes on following : 5 × 3**

**(i) KVK**

**(ii) NGO**

**(iii) Fisheries administration in West Bengal.**

---