2015

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

GROUP – A

1. Answer any *ten* questions form the following :

2×10

   (*a*) What is meant by standard deviation ?

   (*b*) State the difference between Hardware and Softwares.

   (*c*) Mention two importance of law of supply.

(*d*) What is correlation co-efficient ?

(*e*) What is the difference between demand and supply ?

(*f*) Demerits of email, if any.

(*g*) Write two objectives of Indian fisheries co-operatives.

(*h*) State the difference between Informal and formal Rural Institution.

(*i*) What is null hypothesis ?

(*j*) What is the functions of CPU ?

(*k*) What is community health ?

(*l*) Define Kurtosis.

(*m*) Mention two importance of fisheries extension programme.

(*n*) Write the differences between RAM and ROM.

(*o*) State the demerits of computer viruses.

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

10×2

   (a) (i) What are the necessary components of fish marketing ?   2

      (ii) Define market equilibrium and classify market types. $2 + 2$

      (iii) Write briefly about strategies of export marketing for fish and fishery products.   4

   (b) (i) What is variance ?   2

      (ii) Find the standard deviation (SD) and co-efficient of variation from the following table given wages of 230 persons.   8

Weights	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	8

   (c) (i) What do you mean by Chi-square test ?   2

      (ii) Define yates correction and degrees of freedom.   3

    (*iii*) What is the significance of student-
        T-test ?   3

    (*iv*) Mention the test for Goodness of fit.   2

  (*d*) (*i*) What is a pie- diagram, mention its
         example.   3

    (*ii*) Write the significance of participatory
         rural appraisal.   3

    (*iii*) Describe the role of International
         trade for the employment opportunities
         in fisheries.   4

3. Answer any *one* of the following :   15 × 1

  (*a*) (*i*) Define WAN.   2

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

    (*iii*) Write the application of Software
         Package in fisheries statistics and
         stock assessment.   6

    (*iv*) Define co-operative function
         in fisheries and write two problems
         in fisheries co-operatives and suggest
         remedial measures.   3 + 2

(b) Write short notes on :   3 × 5

    (i)   Profit maximization

    (ii)   Law of diminishing return

    (iii) Random sampling

    (iv) Application of Economic theories to fisheries

    (v)   Role of women in fisheries development.

GROUP – B

4.   Answer any *two* questions form the following :

                                            10 × 2

    (a) (i) Briefly explain the principles of Fisheries ?   4

       (ii) State the role of fisheries extention in societal development.   6

    (b) (i) Write the different planning programme for fisheries extension.   4

       (ii) Discuss the role of NGO's in fisheries activities and socio-economic develop -ment in the state.   6

(c) (i) What is rural sociology ?   2

    (ii) What are the present scenario of West Bengal Marine fisherfolk for the development of their socio-economic status ?   8

(d) (i) What is meant by Financing Agencies ?   2

    (ii) Mention the role of different Financing Agencies for the development of fisherfolk society in West Bengal.   6

    (iii) Write two important role of Inter--national trade for the employment opportunities in fisheries.   2

5. Answer any *one* of the following :   15 × 1

(a) (i) State the concept of FFDA.   4

    (ii) Write briefly the role of FFDAs in Fisheries extension, education and development.   8

    (iii) Mention your views about Teaching and learning methods in fisheries.   3

(*b*) Write short notes on :   5 × 3

    (*i*)   KVK

    (*ii*) Administrative structure of fisheries in West Bengal.

    (*iii*) Exclusive Economic Zone (EEZ)

    (*iv*) Demographic profile of fisherfolk communities.

    (*v*) Objectives of fishery Extension programme.

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