M.Sc. 4th Semester Examination, 2011

AQUACULTURE MANAGEMENT & TECHNOLOGY

(*Fisheries Economics & Marketing*)

PAPER—AMT-4003

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 in brief on *four* of the following :   2 × 4

   (a) State the characteristics of a demand curve.

   (b) What is the modern definition of Economics ?

   (c) Define Entrepreneurship.

(d) What do you mean by GDP ? Mention the different factors responsible for GDP determination.

(e) Write down the structural organization of a Fisheries Co-operative of West Bengal.

(f) What do you mean by price determination ?

(g) How would you define equilibrium in Economics ?

(h) Enlist the characteristic features of a good fish market.

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

(a) Explain clearly, how you can relate Economic concept in various field of Aquaculture Management.

(b) Discuss about employment potentiality in the fishery sector in India.

(c) Write down the role of SHG's in aquaculture development in West Bengal.

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(d) Describe the role of KVK for aquaculture development in West Bengal.

(e) Discuss the socio-economic condition of fishermen's in coastal West Bengal.

(f) Explain in details the different steps of socio-economic analysis in aquaculture sector.

(g) Enumerate the role of women in fish marketing.

(h) Discuss on the role of Ramkrishna Mission in the fisheries development in West Bengal.

3. Answer *two* of the following :   8 × 2

(a) (i) What are the objective of MPEDA for fisheries development in India.

(ii) Discuss about the role of FFDA in the fisheries extension in West Bengal.

(iii) Add a note on future vision of MPEDA for aquaproduct export during XIth plan of India.   3 + 3 + 2

(b) (i) How would you define utility and how it can be created ?

    (ii) Define and explain the law of Diminishing utility.

    (iii) How would you prove the law of demand using the concept of marginal returns ?   8

(c) (i) Define supply chain. Write down the supply chain in fish marketing system in India.

    (ii) What do you mean by oligopoly and duopoly ?

    (iii) What are the important features of a 'perfect competition market' ? $2\frac{1}{2}+3+2\frac{1}{2}$

(d) (i) Briefly discuss about the role of fisheries co-operative in the development of fishermen community.

        (Continued)

(*ii*) Enumerate the present status of fishery co-operative in West Bengal.

(*iii*) Add a note on problem faced by fisheries co-operative of the State. $4 + 2\frac{1}{2} + 1\frac{1}{2}$

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