M.Sc. 4th Semester Examination, 2014

AQUACULTURE MANAGEMENT AND TECHNOLOGY

(*Fisheries Economics and Marketing*)

PAPER – AMT - 403

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*) State the law of equimarginal returns.

   (*b*) What do you mean by GDP ? Explain with examples.

   (*c*) State and explain the law of diminishing utility.

(d) State the characteristics of demand curve.

(e) What are the criteria of a good fish market ?

(f) Define law of demand and supply.

(g) Mention the objectives of fishery co-operative formation.

(h) Distinguish between price and value.

2. Answer any *four* questions : 4 × 4

(a) Discuss the socio-economic conditions of fisherman in coastal West Bengal.

(b) Write a note on the role of FFDA for fisheries development in India.

(c) Discuss the potential of aquaculture on economic development.

(d) Define and explain the law of diminishing returns.

(e) Write a note on the growth of fisheries sector in West Bengal.

(*Continued*)

(*f*) What are the important features of a perfect competition market ?

(*g*) Discuss about foreign exchange earnings from fisheries sector in India.

(*h*) Enumerate the different tools for socio-economic analysis.

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

(*a*) Write down the structural organization of fishery co-operatives in West Bengal. Add a note on problem faced by this type of co-operative societies. Discuss the role of SHGs in rural aquaculture development.
3 + 2 + 3

(*b*) Elaborate the characteristics of Indian fish marketing and describe the features of a developed market. State the problems encountered in fish marketing.   3 + 3 + 2

(*c*) Establish the relationship between average product and marginal Product. Find out economically efficient zones of production.
4 + 4

(d) (i) Define and classify different forms of
the market.   4

(ii) Briefly explain the determination of
price by the law of demand and supply.   4

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