

M.Sc. 4th Semester Examination, 2013

**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) What do you mean by utility ?
 - (b) Define average product and marginal product.
 - (c) Distinguish between price and value.

(Turn Over)

- (d) Define the law of variable proportion.
- (e) What are the important features of a perfect competition market ?
- (f) Mention the objectives of fishery co-operatives.
- (g) State the characteristics of a demand curve.
- (h) Write down the foreign exchange earning of India from the fisheries sector.

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

- (a) Explain the law of diminishing marginal utility.
- (b) Define and classify different form of the market.
- (c) Define law of demand and supply. Briefly explain the determination of price by the law of demand and supply.
- (d) What are the major problems of fish marketing in West Bengal ?

- (e) How would you calculate the profit in fish production? State the two alternative conditions of profit maximization.
- (f) State the potential of employment of fisheries industry in India.
- (g) Enumerate the present status of fishery co-operatives in West Bengal.
- (h) Write in brief about the activities of FISH COPFED.

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

- (a) Give an account of the objectives and the role of MPEDA for export of fish and fishery products from India. 3 + 5
- (b) Discuss about the role of FFDA in the fisheries extension in West Bengal. Add a note on the growth of fisheries sector in West Bengal. 5 + 3
- (c) What do you mean by Return to Scale? Briefly-explain the concept of increasing and decreasing return to scale. 3 + 5

(4)

- (d) Write down the role of fisheries co-operatives in the development of fishermen community. Add a note on its functioning. 5 + 3
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