

NEW
Part-III 3-Tier
2019
AQUACULTURE MANAGEMENT
(Honours)

PAPER—VI

Full Marks : 90

Time : 4 Hours

The figures in the right-hand margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Group—A

1. Answer any ten questions. 10×2
- (a) Explain 'random sampling'.
 - (b) What is utility ?
 - (c) What is 'Return to scale' ?
 - (d) Explain 'Cooperation' with respect to fishery management.
 - (e) What is LAN ?
 - (f) Explain 'Mother Board' of a computer.
 - (g) What is 'Arithmetic Mean (AM)' ?
 - (h) What is market equilibrium ?
 - (i) What is hypothesis ?

(Turn Over)

- (j) Define HACCP.
- (k) What is sampling error ?
- (l) What is encapsulation ?
- (m) Define FFDA.
- (n) Write role of KVK.
- (o) What is 'Market Intermediaries' ?

Group—A

2. Answer any *two* questions. 2×10
- (a) (i) What is demand and supply ? 2
 - (ii) Discuss price elasticity of supply. 2
 - (iii) Explain law of diminishing return with help of a diagram. 6
 - (b) (i) What is population ? 2
 - (ii) What is mean deviation ? 2
 - (iii) Briefly describe different generations of a computer. 6
 - (c) (i) What is Histogram ? 2
 - (ii) Role of NGO's in fisheries development. 4
 - (iii) Role of Fisheries extension in fisheries development in India. 4

- (d) (i) Write a note on different types of frequency distribution ? 5
 (ii) State different features of SD. 5

3. Answer any one question : 1×15

- (a) (i) What is fishery cooperative ? 2
 (ii) Write principles and objectives of fishery cooperatives ? 6
 (iii) Define structure and function of fishermen cooperatives. 5
 (iv) Write different problems of fisheries cooperatives. 2
- (b) (i) What is quality management ? 3
 (ii) Write down the steps of HACCP study. 5
 (iii) Write down difference between mesophiles and thermophiles. 5
 (iv) What are different additives used in fish processing ? 2

Group—B

4. Answer any two questions : 2×10

- (a) (i) Write a brief note on NFDB. 5
 (ii) Discuss about production function. 5
- (b) (i) Scope and importance of Fisheries Extension. 6
 (ii) Write about women empowerment in fisheries. 4

- (c) (i) Define saccharolytic bacteria with examples. 4
 (ii) Discuss different tools under Participatory Rural Appraisal (PRA). 6
- (d) (i) Give an account on FFDA. 5
 (ii) How would you reduce bacterial load in fish and fishery products? 5
5. Answer any one questions : 1×15
- (a) (i) Describe the structure of Fisheries administration in West Bengal. 7
 (ii) Briefly describe the socio-economic conditions of fisherfolk communities of West Bengal. 5
 (iii) What is Rapid Rural Appraisal (RRA)? 3
- (b) (i) Explain the quality control principles of fishery products. 5
 (ii) Write a note on input and output devices of a computer. 5
 (iii) Write a note on application of software package in fisheries data handling and stock management. 5
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