

DIPLOMA IN AQUACULTURE

(DAQ)

Term-End Examination

June, 2025

BAQ-003 : COASTAL AQUACUTURE

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt any **five** questions.*

(ii) *All questions carry equal marks.*

(iii) *Support your answer with labelled diagrams wherever necessary.*

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1. (a) Describe the important estuarine systems in India with their fisheries activities. 10
 - (b) Discuss the ecological classification of organisms found in Indian brackish water. 10

2. (a) Explain the major units of a shrimp hatchery. 10
(b) Discuss the important features of hatchery management technology to produce high quality seed with good survival rate. 10
3. (a) Explain the shrimp farming systems based on the management practices. 10
(b) Discuss the various factors taken into consideration for stocking shrimp seed. 10
4. (a) Describe the culture of Seabass (*Lates calcarifer*) dealing with its different aspects. 15
(b) Describe the feed additives. 5
5. (a) Discuss the factors and methods adapted for culture (farming) of sea weeds. 10
(b) Describe the pearl oyster farming. 10

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6. Write short notes on any *two* of the following :

2×10=20

- (a) Biology of Indian white shrimp
- (b) Classification of Algal culture
- (c) Layout and design of farms
- (d) Seed production of Muderals
- (e) Clam culture

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