

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

00262

June, 2017

**BAQ-003 : COASTAL AQUACULTURE**

*Time : 3 hours*

*Maximum Marks : 100*

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**Note :** Attempt any **five** questions. All questions carry equal marks.

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1. (a) Describe briefly, the various shrimp farming systems. 10  
(b) What are the major challenges faced in mariculture ? Give solutions to overcome these challenges. 10
2. (a) Explain the various steps taken to prepare a nursery pond for sea-bass culture. 10  
(b) What is the importance of live feed in aquaculture ? How is *Artemia* stored ? 10
3. What is pearl culture ? How are pearls formed and what are the various types of pearls ? 20

4. (a) Explain the various techniques of isolation of microalgae. 10
- (b) List the parameters required for water quality management and their importance in prawn culture. 10
5. Describe the various methods of integrated sea farming and polyculture. 20
6. Write short notes on any *two* of the following : 2×10=20
- (a) Salt marshes and Mangroves
- (b) Stratification of Marine Environment
- (c) Bacterial diseases of fish and their management
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