

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

**June, 2012**

**BAQ-003 : COASTAL AQUACULTURE**

*Time : 3 hours*

*Maximum Marks : 100*

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*Note : Attempt any five questions. All questions carry equal marks. Support your answer with well labelled diagrams wherever necessary.*

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1. (a) Give an account of the estuaries on the east coast of India with notes on the development of fisheries. 10
- (b) Discuss the desirable characters of a candidate species for coastal aquaculture. 10
2. (a) Describe the major units of a shrimp hatchery. 10
- (b) Explain the method of processing and storing *Artemia* biomass and cysts. 10
3. Explain soil and water parameters required for fish/shrimp production in pond. 20

4. (a) Write two advantages of polyculture system for culturing milkfish. 2
- (b) Explain mud crab culture practices being adopted in India. 8
- (c) Discuss the diagnosis and control methods for shrimp and fish diseases. 10
5. Explain the process of pearl formation with the help of a neat, labelled diagram and discuss the various methods used for pearl oyster farming. 20
6. Write short notes on *any two* of the followings : 10x2=20
- (a) Seaweed farming
- (b) Culture conditions required for algal culture
- (c) Artificial diets for fish and shrimp larvae.
7. Explain broodstock development and breeding of prawns and fishes. 20
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