

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

**December, 2015**

00364

**BAQ-001 : BASICS OF AQUACULTURE**

*Time : 3 hours*

*Maximum Marks : 100*

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

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1. Describe the various factors that govern aquaculture development. 20
2. (a) What are the changes required for realising the full potential of aquaculture ? 10  
(b) Describe the various culture practices adopted for aquafarming. 10
3. (a) What are the properties of water that make it an ideal medium for aquaculture ? 5  
(b) Distinguish between lotic and lentic environments and explain which environment is most suitable for aquaculture. 15
4. (a) Describe three fin fishes and two seaweeds for marine aquaculture. 10  
(b) Describe the major riverine systems of India. 10

5. Describe the various steps involved in preparing a pond for aquaculture. 20
6. What are the different fish byproducts ? 20
7. Discuss the possible impact of aquaculture on environment. How can it be assessed before executing an aqua-project ? 15+5
8. Write short notes on any *four* of the following : 4×5
- (a) Chilling and superchilling of fish
  - (b) Pen and cage aquaculture
  - (c) Benthic fauna
  - (d) Freshwater prawns
  - (e) Aquaranching
  - (f) Non-conventional methods of aquaculture
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