

**DIPLOMA IN AQUACULTURE  
(DAQ)**

00503

**Term-End Examination  
December, 2013**

**BAQ-001 : BASICS OF AQUACULTURE**

*Time : 3 hours*

*Maximum Marks : 100*

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

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1. Discuss the important challenges in the development of aquaculture. What strategies should be adopted in future to meet these challenges ? 20
2. Describe the salient features of Pond aquaculture. 20
3. Describe the physical properties of water and its influence on aquaculture. 20
4. Describe the morphology, biology and distribution of any four candidate species for brackish water aquaculture. 20
5. Discuss the possible impact of aquaculture on environment and measures to reduce this impact. 20

6. (a) Discuss the important aspects of preharvest quality control. **10**
- (b) Discuss the role of bacteria in productivity processes in aquatic ecosystem. **10**
7. (a) Describe the nutritive value of fish as a food. **10**
- (b) Discuss characteristic features and limiting factors of Industrial aquaculture. **10**
8. Write short notes on the following : **5x4=20**
- (a) Pond harvesting
- (b) System of fisheries education
- (c) Geenhouse aquaculture
- (d) Global Scenario of aquaculture
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