

00420

**DIPLOMA IN AQUACULTURE
(DAQ)**

Term-End Examination

December, 2012

BAQ-001 : BASICS OF AQUACULTURE

Time : 3 hours

Maximum Marks : 100

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

1. Discuss the contribution of aquaculture to world's fishery production. 20
2. Describe the types of soils required for aquaculture ponds. 20
3. What is productivity ? Describe the various concepts of productivity. 5+15=20
4. Describe the various fresh water resources for aquaculture activities. 20
5. Describe the use of waste water for aquaculture. 20

6. Explain why an integrated approach by the culturist, harvester and the processor is essential to produce the best quality products. 20
7. Discuss the possible impacts of aquaculture on environment. 20
8. Write short notes on the following (*Any four*) : $4 \times 5 = 20$
- (a) Aquatic products as a food resource
 - (b) Marine resources
 - (c) Aquaculture in cages
 - (d) Nutritive value of fish
 - (e) Management of water quality of pond
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