

DIPLOMA IN AQUACULTURE (DAQ)

Term-End Examination

00172 June, 2017

BAQ-001 : BASICS OF AQUACULTURE

Time : 3 hours

Maximum Marks : 100

Note : *Attempt any five questions. Draw well-labelled diagrams wherever required. All questions carry equal marks.*

1. Explain the various aquaculture culture practices. List any ten fishes used for commercial inland water cage and pen farming. 10+10
2. (a) Discuss the importance of dissolved oxygen in aquaculture. What are the various factors that affect it ?
(b) Explain the phosphorus cycle with the help of a diagram. 10+10
3. "Fish is an excellent food for low fat, low calorie diets." Discuss the statement critically. 20
4. (a) What are the characteristics of candidate species for brackish water aquaculture ? 4
(b) Describe any one finfish and crustacean candidate species most suitable for brackish water aquaculture. 16

5. Why is recreational aquaculture important ?
What are the various requirements of setting up
an aquarium at home ? 20
6. Discuss the important commercial methods of
preservation used for aquaculture products. 20
7. What are the various categories of extension
services in aquaculture ? Discuss any two of
them in detail. 4+8+8
8. Write short notes on any *four* of the
following : 4×5=20
- (a) Environmental Impact Assessment
 - (b) Constraints in Fishery Education
 - (c) Aquaranching
 - (d) Ecological Pyramid
 - (e) Thermal Stratification
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