

6990069

**DIPLOMA IN AQUACULTURE
(DAQ)**

Term-End Examination

June, 2013

BAQ-002 : FRESH WATER AQUACULTURE

Time : 3 hours

Maximum Marks : 100

*Note : Attempt **any five** questions. All question carry marks. Support your answers with diagrams wherever necessary.*

1. (a) What are carps ? Describe morphology , 10
feeding and breeding of **any three** Indian
Major carps .
- (b) Write about the technique of induced 10
breeding by hypophysation in carps.
2. (a) What are various healthy stocking ratios 5
for fish fries in a rearing pond ?
- (b) Give the common **names of five** commonly 5
encountered species of predatory fishes.
- (c) Discuss the control of aquatic weeds in 10
fishery waters.

3. (a) What is polyculture ? What are the basic principles of polyculture ? 2+8
- (b) Illustrate the concept of polyculture by taking a suitable example. 5
- (c) What are the strategies that aqua farmers ought to adopt to raise healthy disease free fish ? 5
4. (a) Describe in detail the various components of a fish hatchery. 10
- (b) What are the factors taken into consideration while constructing a fish pond ? 10
5. Describe the principles of Integrated Fish Farming. Illustrate it with *one* suitable example in detail. 20
6. (a) Give the methodology for breeding and rearing of trouts. 15
- (b) State *any two* parameters considered for selecting a site for trout farming. 5
7. Write short notes on *any four* of the following : 5x4=20
- (a) Use of treated sewage in aquaculture.
- (b) Strategy for disease prevention in aqua culture.
- (c) "Best buy " technique of feed formulation.
- (d) "Live feed " culture and its importance
- (e) Processing and marketing of prawn.
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