

00612

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

**December, 2011**

**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. Describe aquaculture development in India during post - independence period. 20
2. Describe the role of nutrient cycle with a emphasis on phosphorous and nitrogen cycles in aquaculture . 20
3. Describe the commercial candidate species of brackish water prawn. 20
4. Explain how the aquaculture is practical in circulating water ? 20
5. What are chitin and chitosan ? Discuss how the shell fish processing wastes are utilised for commercial purposes. 5+15

6. Discuss the importance of aquaculture extension in dissemination of technologies. 20
7. (a) Describe the edible brackish water crabs of India. 10  
(b) Discuss the management of pond bottoms after harvest in aquaculture. 10
8. Write short notes on the following : 20  
(a) Aquaranching  
(b) Recreational aquaculture  
(c) Marise resources  
(d) Soil profile
-