

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

**December , 2014**

00859

**BAQ-003 : COASTAL 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. (a) Describe the physico-chemical properties of estuaries. 10
- (b) Describe the flora and fauna of brackish water system. 10
2. (a) Explain the various steps for induced maturation in prawns. 10
- (b) Discuss the role of hormones in induced breeding of fishes. 10
3. (a) Explain the different types of shrimp farming systems. 10
- (b) Describe the various methods for assessing the quality of shrimp seed. 10

4. (a) Explain the concept of feed formulation. 10  
(b) Describe the viral or bacterial diseases in cultured fishes. 10
5. (a) How can the problems related to coastal aquaculture industry in India be addressed by adopting integrated sea farming and polyculture? 10  
(b) Describe the methods of sea-weed farming. 10
6. Describe any *two* of the following : 10×2=20  
(a) Estuarine Fishery Resources  
(b) Methods of processing and storing *Artemia* biomass and cysts  
(c) Layout and design of farms
7. (a) Describe the culture practices of mud crabs followed in Indo-Pacific region. 10  
(b) Explain the methods of improving pearl quality. 10
-