

**DIPLOMA IN AQUACULTURE**  
**(DAQ)**

**Term-End Examination**

**December, 2024**

**BAQ-003 : COASTAL AQUACULTURE**

*Time : 3 Hours*

*Maximum Marks : 100*

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**Note :** (i) *Attempt any **five** questions.*

(ii) *All questions carry equal marks.*

(iii) *Support your answer with well-labelled diagrams wherever necessary.*

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1. (a) Describe the biology of cultivable fin-fish  
*Chanos chanos* (milk fish). 10
  - (b) Describe the distribution of marine life on  
the earth. 10
  2. Discuss the hatchery and necessary  
management technology to produce high  
quality seed with good survival rate. 20

3. Describe shrimp farming practices and factors affecting shrimp farming system. 10+10
4. Describe any *five* bacterial and *five* viral diseases of shrimps. 10+10
5. Explain the pearl formation and as to how pearl quality can be improved upon. 10+10
6. Write short notes on any *four* of the following :  
4×5=20
  - (a) Clam culture
  - (b) Crab seed production
  - (c) Growth assessment rate of shrimps
  - (d) Induced maturation in *Penaeus monodon*
  - (e) Edible oysters
7. Describe the importance and varieties of sea-weeds available along the Indian coast. Discuss various methods of sea-weed farming.  
10+10

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