

DIPLOMA IN AQUACULTURE (DAQ)

Term-End Examination

December, 2019

BAQ - 003 : COASTAL AQUACULTURE

Time : 3 hours

Maximum Marks : 100

Note : Attempt any five questions.

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1. (a) Describe the ecological classification of organisms in a brackish water system. 10  
(b) What are salt marshes and mangroves ? What is their ecological significance ? 10
  2. (a) Describe important resources for mariculture. 10  
(b) How does biota of a littoral zone differ from that of a pelagic zone ? 10
  3. (a) List and describe the various types of algal culture technologies and techniques. 10  
(b) Explain the various isolation techniques used for culturing microalgae. 10
  4. (a) Write briefly about the various steps involved in the preparation of ponds for culturing shrimps after harvest of the crop. 10  
(b) Describe the stocking of ponds with seed shrimps. 10
  5. (a) What are the various types of culture practices used for rearing mud crabs ? Explain them briefly. 10  
(b) Describe the concept of preparation of pelleted feeds. 10
  6. Write short notes on any two of the following : 20
    - (a) Cultured pearl formation
    - (b) Culture of edible oysters
    - (c) Induced breeding.