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**BAQ-003**

**DIPLOMA IN AQUACULTURE (DAQ)**

**Term-End Examination**

**June, 2021**

**BAQ-003 : COASTAL AQUACULTURE**

*Time : 3 Hours*

*Maximum Marks : 100*

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

(ii) *All questions carry equal marks.*

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

1. (a) Give the names of major brackish water lakes in India. Describe any *two* of them in detail. (200-250 words) 2, 4, 4

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- (b) Write an account on important edible oysters and mussels found in the backwaters. Also add a note on their distribution in India. (200-250 words) 10
2. Discuss the distribution, biology and importance of *Artemia* in aquaculture. (450-500 words) 20
3. Describe the culture of milkfish *Chanos chanos*. (450-500 words) 20
4. Explain the various steps involved in the preparation of the pelleted feeds. (450-500 words) 20
5. (a) Differentiate between the following pairs of terms (100 words each) :  $2\frac{1}{2} \times 4 = 10$
- (i) Pelagic and Benthic fauna
- (ii) Batch and continuous culture
- (iii) Saline and Alkaline soil
- (iv) Tow and Seine net

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(b) What are the major challenges faced in mariculture ? Discuss the solutions to overcome these challenges.

(200-250 words) 10

6. Write short notes on any *two* of the following

**200-250** words each : 10 each

(i) Induced Breeding

(ii) 'Mabe' Pearls

(iii) Shrimp Farming Systems