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BAQ-003

DIPLOMA IN AQUACULTURE (DAQ)

Term-End Examination

June, 2022

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) Describe various shrimp farming systems. 10
 - (b) Discuss the major challenges faced in mariculture and also suggest solutions to overcome them. 10
2. (a) Explain the various techniques of isolation of micro-algae. 10

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- (b) Describe various parameters required for water quality management and their importance in prawn culture. 10
3. (a) What is induced breeding ? How is it achieved in fishes ? 10
- (b) Enlist the economically important sea weeds and describe any *two* of them in detail. 10
4. (a) Give an account of distribution of marine life in different zones of an ocean. 15
- (b) Which of these zones is relatively rich in species and why ? 5
5. (a) Differentiate between any *two* of the following pairs of terms : $2 \times 5 = 10$
- (i) Micro-coated and micro-encapsulated diets
- (ii) Saline soil and alkaline soil
- (iii) Tow net and seine net
- (b) Discuss culture practices of mud crab. 10

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

2×10=20

- (i) Culture of milkfish
- (ii) Salt marshes and mangroves
- (iii) Bacterial diseases of fish and their management