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BAQ-003

DIPLOMA IN AQUACULTURE (DAQ)

Term-End Examination

December, 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 the various methods of integrated sea farming and polyculture. 10
- (b) What is the importance of Artemia as a “live feed” in aquaculture ? Explain. 10
2. (a) Explain different types of organisms present in the marine environment based on the modes of their movement. 12
- (b) How does biota of littoral zone differ from that of pelagic zone ? Discuss. 8

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3. (a) Describe the natural process of pearl formation in oyster. 10
- (b) How are pearls cultured and graded for commercial purposes ? 10
4. Enlist the important diseases that inflict a shrimp. Describe any *two* of them in detail. 4+8+8
5. (a) Differentiate between any *two* of the following pairs of terms : 2×5=10
- (i) Batch culture and Continuous culture
- (ii) Pulverising and Pelletizing
- (iii) Ponds and Dykes
- (b) Illustrate the various factors affecting shrimp farming system. 10
6. Write short notes on any *two* of the following topics : 2×10=20
- (i) Larval stages of shrimp
- (ii) Culture of Sea Bass (Bhetki)
- (iii) Sea weed farming (culture)