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BAQ-001**DIPLOMA IN AQUACULTURE (DAQ)****Term-End Examination****December, 2021****BAQ-001 : BASICS OF AQUACULTURE***Time : 3 Hours**Maximum Marks : 100*

Note : Attempt *five* questions in all including Question No. 1. Which is compulsory. All questions carry equal marks.

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1. (a) Define the following : 5
- (i) Epifauna
 - (ii) Integrated aquaculture
 - (iii) Fermentation
 - (iv) Kamaboko
 - (v) Chitin
- (b) Differentiate between the following : 2 each
- (i) Drying and Smoking
 - (ii) Structural lipids and Storage lipids

- (iii) Aquarium and Oceaarium
 - (iv) Murrels and Catfishes
 - (v) Extensive and Intensive aquaculture
- (c) Expand the following : 5
- (i) EE2
 - (ii) CIFE
 - (iii) CRZ
 - (iv) EIA
 - (v) CIBA

2. Discuss the important crustacean candidate species for freshwater aquaculture. 20
3. What are the different methods of extension services in aquaculture ? 20
4. What are the different types of ponds ? Explain the steps for preparing pond for aquaculture. 20
5. Describe integrated aquaculture and enlist its benefits. 20

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6. Write short notes on any *two* of the following in
300-350 words each : 10 each

- (a) Aquaculture in recirculating water
- (b) Fermented fishery products
- (c) Bacteria in nutrient cycle
- (d) Fish meal and fish oil