

**(CCAM01)**

**ASSIGNMENT-1**

**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**

**SUSTAINABLE AQUACULTURE MANAGEMENT**

**Introduction to Aquaculture Management**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** Discuss the aquaculture technology at Indian and Global Scenario.
- Q2)** Write about the general characters and life history of freshwater and brackish water prawns.
- Q3)** Write in detail about the methods of pond preparation for shrimp farming.
- Q4)** Write in detail about Hapa and pond stocking.
- Q5)** Discuss the feeding habits and different stages of shrimp. What is the importance of carbohydrates for shrimps?

**(CCAM01)**

**ASSIGNMENT-2**

**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**

**SUSTAINABLE AQUACULTURE MANAGEMENT**

**Introduction to Aquaculture Management**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** How do you overcome the nutritional imbalance in shrimp? Write about balanced diet for shrimps.
- Q2)** Explain the life cycle of Hatchery.
- Q3)** Discuss routine hatchery management practices in detail.
- Q4)** Write in detail about monitoring economics and financial performance of aquaculture.
- Q5)** How do you prepare financial statement and balance sheet in aquaculture industry.

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**(CCAM02)**

**ASSIGNMENT-1**

**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**

**SUSTAINABLE AQUACULTURE MANAGEMENT**

**Water Quality Management & Disease Diagnosis**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** How do you determine BOD and Dissolved Oxygen (DO) in water samples?
- Q2)** Explain the use of chemicals and their action for disinfections of incoming water for pond water.
- Q3)** Explain the causes and control methods for Taura Syndrome Virus (TSV) and Infectious Myonecrotic Virus (IMNV).
- Q4)** Explain the causes and control methods for Yellow – Head Virus (YHV).
- Q5)** Explain the causes and control methods for Homari parasites.

**(CCAM02)**

**ASSIGNMENT-2**  
**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**  
**SUSTAINABLE AQUACULTURE MANAGEMENT**  
**Water Quality Management & Disease Diagnosis**  
**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** Explain the causes and control methods for Larval Mycosis.
- Q2)** Discuss the molecular tools and techniques for the identification and control of Brown gill diseases in shrimp culture.
- Q3)** Write the general causes for Diseases of Fishes and Shrimp and preventive methods for the common diseases.
- Q4)** Write in detail about competitors and pests of shrimp.
- Q5)** Discuss the uses of probiotics for bioremediation in Fish culture.

**(CCAM03)**

**ASSIGNMENT-1**

**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**

**SUSTAINABLE AQUACULTURE MANAGEMENT**

**Aqua Informatics and Processing Technology**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** Write the usage of Tally and SPSS for the analysis of data collected in aquaculture technology.
- Q2)** Explain the steps involved in the publication of collected aquaculture data in News papers.
- Q3)** How do you perform cost of production aquaculture related to feed and chemicals.
- Q4)** How statistical methods are useful in fish and shrimp farming?
- Q5)** Discuss the usage of mobile applications in recording and monitoring aquaculture data.

**(CCAM03)**

**ASSIGNMENT-2**

**CERTIFICATE COURSE DEGREE EXAMINATION, MAY – 2018**

**SUSTAINABLE AQUACULTURE MANAGEMENT**

**Aqua Informatics and Processing Technology**

**MAXIMUM MARKS:30**

**Answer ALL Questions**

- Q1)** Write in detail about the preparation laboratory analysis reports of aquaculture data.
- Q2)** Write and explain any two drying techniques in the Fishery products.
- Q3)** How do you pack and store dried fish products? Write about the advantages of modern techniques over traditional techniques in the drying of aqua products.
- Q4)** Discuss the packing requirements for frozen and cured products of Fish and Prawn.
- Q5)** Write and explain the principles and precautions to be followed in the export of marine products.

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