CCAM01

ASSIGNMENT-1

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Introduction to Aquaculture Management

Maximum : 30 MARKS

Answer ALL Questions

Q1) Describe the global and Indian scenario of aquaculture.

Q2) Describe the species of crabs cultured and their biology.

Q3) Describe the methods of pond preparation, liming and seed selection criteria.

Q4) Describe the methods of transportation and acclimatisation.

Q5) Explain the feeding habits of different stages of shrimp.

CCAM01

ASSIGNMENT-2

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Introduction to Aquaculture Management

Maximum : 30 MARKS

Answer ALL Questions

Q1) Write an account on the components of feed and their importance in shrimp health.

Q2) Write an account on preparation of brood stock, spawning and larval rearing.

Q3) Explain the routine hatchery management practices.

Q4) Write an account on monitoring economics andfinancial performance of aquaculture.

Q5) Describe managing risk in aquaculture business, financial statement and income statements inaquaculture.

CCAM02

ASSIGNMENT-1

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Water Quality Management & Disease Diagnosis

Maximum : 30 MARKS

Answer ALL Questions

Q1) Describe the water quality parameters and their role in shrimp and fish farming.

Q2) Describe the methods to know BOD and COD and their significance.

Q3) Describe the viral diseases like Taura syndrome virus and Hematopoetic Necrosis and remedies.

Q4) Explain the diseases of virus such as IHHNV and treatment.

Q5) Explain the bacterial diseases like NHP and remedial features.

CCAM02

ASSIGNMENT-2

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Water Quality Management & Disease Diagnosis

Maximum : 30 MARKS

Answer ALL Questions

Q1) Write an account on the fungal diseases such as Larval mycosis and their control.

Q2) Write an account on Red gill disease and white gill disease and their treatment.

Q3) Explain the molecular tools and techniques for disease diagnosis.

Q4) Write an account on Biosecurity, and bioremediation in shrimp farming.

Q5) Explain the role of herbal medicine in controlling Prawn diseases.

CCAM03

ASSIGNMENT-1

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Aqua Informatics and Processing Technology

Maximum : 30 MARKS
Answer ALL Questions

Q1) Describe the Indian and International scenario of aquaculture.

Q2) Describe the statistical methods in the analysis of aquaculture data collected from different sources.

Q3) Describe the applications and utilization of information technology for Data collection and analysis in Fish farming.

Q4) Explain how do you arrive the cost of production analysis in shrimp culture.

Q5) Explain the use of mobile applications in recording and monitoring aquaculture data.

CCAM03

ASSIGNMENT-2

CERTIFICATE COURSE DEGREE

EXAMINATION, JUNE/JULY - 2020

SUSTAINABLE AQUACULTURE MANAGEMENT

Aqua Informatics and Processing Technology

Maximum : 30 MARKS

Answer ALL Questions

Q1) Describe how do you calculate Feed, Biomass and ammonia in Fish?

Q2) Write an account on the fundamental principles involved in chilling and freezing of Fish and fishery products.

Q3) Explain the different stages of canning of Fish/Prawn.

Q4) Write an account on different types of packing materials and its quality evaluation.

Q5) Describe different types of cold storages for storing Fish and Prawn.