

(DAAM 01)

ASSIGNMENT-1

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Principles and Practices of Aquaculture

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Discuss the scope and significance of aquaculture.
- Q2)** Explain the resources for different types of fisheries through major river systems in India.
- Q3)** Explain the Indian major carps and their life history.
- Q4)** Discuss the life history of *Penaeus monodo*.
- Q5)** Explain the sewage-fed fish culture technique in detail.

(DAAM 01)

ASSIGNMENT-2

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Principles and Practices of Aquaculture

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Discuss the culture of coldwater fishes.
- Q2)** Explain the modified extensive shrimp culture technique in detail.
- Q3)** Discuss the traditional Prawn culture system of India.
- Q4)** Write in detail about common aquarium plants and their multiplication.
- Q5)** Write in detail about Aquarium feeds and their maintenance.



(DAAM 02)

ASSIGNMENT-1

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Aquaculture Management Practices

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Write the general methods of pond preparation of shrimp farming.

- Q2)** Explain the selection criteria for the seed selection and seed Quality rating of Aquaculture.

- Q3)** Explain the role of carbohydrates and vitamins as nutrients for shrimp feeding.

- Q4)** Explain the feed schedule and feed calculations for shrimp.

- Q5)** Give an account on chemicals used for disinfection of water.

(DAAM 02)

ASSIGNMENT-2

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Aquaculture Management Practices

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)* Discuss the feedings habits at different stages of shrimp.
- Q2)* Discuss Biodiversity and Bioremediation in shrimp farming.
- Q3)* Discuss the role of herbal Medicines in controlling fish diseases.
- Q4)* Explain the commercially available aquaculture medicines in India.
- Q5)* Describe the use of Zeolite and dolomite in aquaculture.



(DAAM 03)

ASSIGNMENT-1

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Disease Diagnosis and Management

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Explain the general methods for the diagnosis and treatment of viral diseases in aquaproducts.
- Q2)** Write in detail about the diagnosis and treatment of TSV infections in fish and shrimp.
- Q3)** Write the general methods for the diagnosis and treatment of Bacterial and fungal diseases in aqua products.
- Q4)** Explain the treatment for the Black gill diseases and Brown gill diseases in fish and shrimp.
- Q5)** Discuss the diseases causes due to soil in fish and shrimp and suggest control methods for the same.

(DAAM 03)

ASSIGNMENT-2

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Disease Diagnosis and Management

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Discuss the investigation shrimp diseases and observations on pond and shrimp.
- Q2)** Explain the determination of Dissolved oxygen in water. How it is helpful for water Quality in shrimp ponds.
- Q3)** Explain the process of selection of distributors and dealers for marketing the aqua products by the farmers.
- Q4)** Explain what do you understand by product oriented business and farmer oriented business in shrimps?
- Q5)** Discuss the Law of demand and Supply price determination in shrimp Marketing. Suggest the methods to overcome the Market problems for farmers.



(DAAM04)

ASSIGNMENT-1

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Aquaculture Information System and Alternative Tech.

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** How do you collect aquaculture data Village wise and Mandal wise by traditional and modern methods?
- Q2)** Explain the basic components and their functions of a computers. How Excel software is useful for the analysis of aqua data?
- Q3)** Discuss the advantages of mobile apparatus for recording and monitoring aquaculture data.
- Q4)** How do you make feed calculations and Biomass calculations in aquaculture using modern techniques?
- Q5)** Discuss the problems encountered in marketing of aqua products and suggest methods to overcome.

(DAAM04)

ASSIGNMENT-2

P.G. DIPLOMA DEGREE EXAMINATION, MAY – 2018

ADVANCED AQUACULTURE MANAGEMENT

Aquaculture Information System and Alternative Tech.

MAXIMUM MARKS:30

Answer ALL Questions

- Q1)** Explain the development of business plan for aquaculture and related financial aspects.
- Q2)** Explain the latest technology in Hatchery and their advantages over conventional techniques.
- Q3)** Explain the use of different types of aerations and their process in aquaculture.
- Q4)** How statistical methods are useful for aquaculture data analysis.
- Q5)** Explain chi square test and its applications in the analysis of aquaculture data.

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