

DAAM01

ASSIGNMENT-1
P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Principles and Practices of Aquaculture
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Describe the scope and significance of aquaculture.
- Q2)* Write an account on commercially important fishes and prawns of India.
- Q3)* Describe the general characters and life history of *Machrobrachium rosenbergii*.
- Q4)* Describe Indian major carps and their life history.
- Q5)* Describe the mono and poly culture of Carp.

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ASSIGNMENT-2
P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Principles and Practices of Aquaculture
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Explain sewage fed fish culture and also cold water fishes.
- Q2)* Describe pearl culture technology in India.
- Q3)* Explain the extensive, modified extensive and semi-intensive shrimp culture.
- Q4)* Write an account on aquarium ornamental fishes, their breeding and culture.
- Q5)* Describe aquarium feeds and maintenance.5



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P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Aquaculture Management Practices
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Describe the methods of pond preparation and liming.
- Q2)* Write an account on water quality analysis and treatment in reservoir.
- Q3)* Write an account on feeding habits in different stages of shrimp.
- Q4)* Describe the nutritional imbalances, feed calculations and feeding schedules.
- Q5)* Write an account on minerals and their importance in shrimp health and pond management.

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ASSIGNMENT-2
P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Aquaculture Management Practices
Maximum : 30 MARKS
Answer ALL Questions

- Q1)** Describe the methods to know the dissolved oxygen and COD in the pond and their significance.
- Q2)** Describe the different aquaculture products available in the market and their importance.
- Q3)** Describe the farmers opinion on the products, daily activities of sales personals and their reporting.
- Q4)** Write an account on Law of demand and supply, price determination, problems of Fish and Fishery products.
- Q5)** Describe the role of MPEDA in exports of Fish and Fishery products.



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P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Disease Diagnosis and Management
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Explain the methods of diagnosis and management of viral disease Taura syndrome.
- Q2)* Describe the method of diagnosis and management of Infectious Myonecrotic virus.
- Q3)* Write an account on the bacterial disease *Aerococcus viridans* and its control.
- Q4)* Describe the *Fusarium solanii* and their control measures.
- Q5)* Explain water and soil management for disease prevention and control in shrimp farming.



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ASSIGNMENT-2
P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Disease Diagnosis and Management
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Describe bacteriological methods, histological techniques in shrimp diseases diagnosis.
- Q2)* Write an account on biosecurity and bioremediation in shrimp farming and use of probiotics for bioremediation.
- Q3)* Describe the role of herbal medicine in controlling fish diseases.
- Q4)* Write an account on the role of herbal medicine in aquaculture, sludge management.
- Q5)* Describe the use of zeolite and dolomite in aquaculture.



ASSIGNMENT-1
P.G. DIPLOMA DEGREE EXAMINATION,
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ADVANCED AQUACULTURE MANAGEMENT
Aquaculture Information System and
Alternative Technologies
Maximum : 30 MARKS
Answer ALL Questions

- Q1)** Describe the culture data collection, village wise, mandal wise and district wise and its interpretation.
- Q2)** Describe the basics of computer, software available for data analysis.
- Q3)** Write an account on the use of mobile applications in recording and monitoring aquaculture data.
- Q4)** Describe the feed calculations, biomass calculations and ammonia calculations.
- Q5)** Write an account on starting of an aquaculture business, and marketing of aquaculture products.



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ASSIGNMENT-2
P.G. DIPLOMA DEGREE EXAMINATION,
JUNE/JULY - 2020
ADVANCED AQUACULTURE MANAGEMENT
Aquaculture Information System and
Alternative Technologies
Maximum : 30 MARKS
Answer ALL Questions

- Q1)* Describe the preparation of financial statement, income statement and balance sheets in aquaculture.
- Q2)* Write an account on different types of aerations, biofloc and Air flow technology.
- Q3)* Describe the development of SPF Brooders and Hatchery technologies.
- Q4)* Describe, how do you evaluate random errors by following statistical procedures.
- Q5)* Describe the use of student “t” test, and chi-square test in aquaculture with examples.

