

M.Sc. (Zoology) Semester - 3 (CBCS) Examination
DEC/JAN. - 2020 - [NEW COURSE]
Aquaculture & Fisheries Technology (Core (New))

Time: 1:30 Hours**Marks: 42****Instructions:**

1. Figure to the right indicate marks.
 2. There are five questions in the question paper.
 3. Answer any three of the following questions.
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- Q.1 Answer any seven out of ten. (14)
1. Write characteristics of Class petromyzontida.
 2. What is sanguivorous?
 3. Write application of sinkers and floaters.
 4. Just draw purse net and ghost net?
 5. Provide few tips for maintenance of fresh water aquarium.
 6. What is brackish water aquaculture?
 7. What is the importance of maintaining low temperature at fish transportation?
 8. Justify the sentence- "Fishing industry should fulfill the changing fish demand".
 9. What is the role of pituitary gland in induced breeding?
 10. What is the importance of aquaculture and fisheries technology?
- Q.2 Answer the following. (Any Two out of Three) (14)
1. Aquaculture and its importance: Advantages, scope and status of aquaculture in India.
 2. Make a note on types of boats and gears.
 3. Describe classification of crustacean with examples.
- Q.3 Answer the following. (Any Two out of Three) (14)
1. Write detailed note on: Pearl Oyster fisheries.
 2. Write detailed note on: Lobster fisheries.
 3. Describe about marine capture fisheries.
- Q.4 Answer the following. (Any Two out of Three) (14)
1. Make a complete note on induced breeding with all its details.
 2. Describe fish diseases and control.
 3. Application of hormones in aquaculture.
- Q.5 Answer the following. (Any Two out of Three) (14)
1. Make a detailed note on fish processing unit/fish industry functioning.
 2. Justify need of fish preservation, methods of preservation and their advantages.
 3. Describe fish by-products and their uses.
