

**20P415**

(Pages: 1)

Name: .....

Reg. No: .....

**FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2022**

(CBCSS - PG)

(Regular/Supplementary/Improvement)

**CC19P ZOL4 E12 - FISHERY SCIENCE III - HARVESTING, POST  
HARVESTING TECHNOLOGY AND MARKETING**

(Zoology)

(2019 Admission onwards)

Time: Three Hours

Maximum: 30 Weightage

I. Answer any **four** questions:

1. Define quality control in seafood.
2. What is chitin and chitosan?
3. What is IQF technology?
4. Explain the major activities of MPEDA.
5. What are fish maws?
6. What are the advantages of IQF freezers?
7. What is squid jigging?

**(4 × 2 = 8 Weightage)**

II. Answer any **four** questions:

8. Discuss the pre-requisites of a cold storage.
9. Describe the role of fishermen co-operatives in fishery management.
10. Describe the products produced from cephalopods.
11. Discuss the common defects of canned fish products.
12. Write a note on biochemical constituents and nutritive value of fish.
13. Comment on frozen shrimp products.
14. Explain the different methods of packing and transportation of processed sea foods.

**(4 × 3 = 12 Weightage)**

III. Answer any **two** questions:

15. Write an essay on fishery by-products.
16. What is HACCP? Discuss in detail the principles of HACCP.
17. Discuss the major methods for microbial quality assessment in the seafood industry.
18. Write an essay on different types of trawling methods.

**(2 × 5 = 10 Weightage)**

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