

23P414

(Pages: 2)

Name :

Reg. No :

FOURTH SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025

(CBCSS-PG)

(Regular/Supplementary/Improvement)

CC19P ZOL4 E12 - FISHERY SCIENCE - III

(Zoology)

(2019 Admission onwards)

Time: 3 Hours

Maximum: 30 Weightage

Part-A

Answer any **four** questions. Each question carries 2 weightage.

1. What is catch per unit effort?
2. What is rigor mortis? Write its significance in fish preservation?
3. Differentiate between drying and salting.
4. Explain commercially important lobsters of India.
5. Describe MPEDA.
6. Explain inhouse stuffing and refrigerated transport of sea food.
7. Explain scope and importance of international marketing of sea foods.

(4 × 2 = 8 Weightage)

Part-B

Answer any **four** questions. Each question carries 3 weightage.

8. Differentiate between otter trawl and beam trawl.
9. Explain net fishing.
10. Explain fishery education and research institutes in India.
11. Explain the chemical composition of fish muscle.
12. Explain about mechanisms of fish spoilage.
13. Explain about the pre-processing and processing of cephalopods in India.
14. Describe in detail surimi as a mince based fish product.

(4 × 3 = 12 Weightage)

Part-C

Answer any **two** questions. Each question carries 5 weightage.

15. Write an essay on static gears in fishing.

16. Write an essay on fishery by-products.
17. Discuss in detail about canning and irradiation as different fish preservation methods.
18. Describe the role of inspection systems and explain the quality control concepts of HACCP.

(2 × 5 = 10 Weightage)
