



QP CODE: 21103269



21103269

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / REAPPEARANCE EXAMINATIONS,
DECEMBER 2021**

Second Semester

B.Sc Zoology Model II Aquaculture

Vocational Course - ZA2VOT03 - CAPTURE FISHERY

2017 ADMISSION ONWARDS

42EC8A26

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Write down any four identification characters of Bombay duck.
2. Differentiate *Scylla serrata* from *Portunus pelagicus*.
3. Write down the family of Pearl oyster and Mussel.
4. Briefly explain artificial fishing gear materials with suitable examples.
5. What is otter board? Comment on its functions.
6. Which are the major river systems in India?
7. What is cold water fishery? Give two examples for cold water fishes.
8. Mention the major species, gears, seasons of abundance and regions of abundance in oil sardine fishery.
9. Mention the regions of abundance and major gears in the prawn fishery of India.
10. Mention the major species, gear and seasons and regions of abundance in the lobster fishery of India.
11. Define population and Yield.
12. What is MSY? What is the importance of MSY in Fishery management?

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain the Taxonomy and identification characters of commercially important prawn species and families of India.
14. Give an account on the identification characters of commercially important species of cephalopods.
15. Give a description on the different types of Fishing craft in India.
16. What are Fishing gear accessories? Explain the major Fishing gear accessories and their functions.
17. Comment on potential of lacustrine fisheries in India.
18. Give an account on the Fishery of Silver bellies in India.
19. Give an account on fishery of Mussels in India.
20. Define and explain the terms Fishery Management, Population, Population dynamics, Yield and Recruitment.
21. Explain the different Input and output control measures in Fishery Management.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Comment on important orders, families, genera and species of Molluscs of the Indian region and their identification.
23. Elaborate the structure and operation of different Static gears.
24. Give an account on the Crustacean fishery resources of India.
25. Elaborate on the different factors affecting fish stocks. Explain the concept of Recruitment. Elaborate on overfishing and the different types of overfishing.

(2×15=30)

