

M. Sc DEGREE END SEMESTER EXAMINATION - APRIL 2021**SEMESTER 4 : AQUACULTURE AND FISH PROCESSING****COURSE : 16P4AQCT12 : FISHING TECHNOLOGY**

(For Regular - 2019 Admission & Supplementary 2018/2017/2016 Admissions)

Time : Three Hours

Max. Marks: 75

PART A**Answer any 8 (2 marks each)**

1. What is meant by Scarf joint ?
2. What is keelson ?
3. What is garstrake ?
4. What is beach landing craft ?
5. What is sheathing?
6. What are net haulers ?
7. What is chaffer gear ?
8. Functioning of Surrounding gear.
9. What are low density floats ?
10. What are Jigs ?
11. What is sonar ?
12. What is eco-integration in ecosounder ?

(2 x 8 = 16)**PART B****Answer any 7 (5 marks each)**

13. Write the advantages and disadvantages of steel as a boat building material.
14. Describe lines drawing and its importance in boat construction.
15. Briefly explain different types of corrosion and preventive measures.
16. Painting schedules for fishing boats.
17. Draw the structure of a two seam trawl and mark the different parts.
18. Explain in detail, the different fishing gears used in aquaculture farms.
19. Classification of active fishing gears.
20. What is Squid jigging ?
21. Comment on GPS.
22. Briefly describe on the fish detection devices.

(5 x 7 = 35)**PART C****Answer any 2 (12 marks each)**

23. Classify the mechanized fishing boats.
24. Explain marine corrosion, classification and its control.
25. Explain in detail about otter trawling for capture of shrimps.
26. Explain low energy fishing methods.

(12 x 2 = 24)