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UG/5th Sem/Aqua(H)/T/19

2019

B.Sc. (Honours)

5th Semester Examination

AQUACULTURE MANAGEMENT

Paper - C11T

[Fishing Crafts, Gears and Fishing Technology]

Full Marks : 40

Time : 2 Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Answer any *five* questions from the following.

5×2=10

1. (a) Write name of four traditional fishing craft used in inland fishing.
- (b) State the advantages of synthetic fibres used in commercial fishing.
- (c) Distinguish between rope and fibres.
- (d) Briefly mention the distinctive features of an ideal float.

[Turn Over]

(2)

- (e) Write name of two plants especially used for boat building materials.
 - (f) State the uses of SONAR.
 - (g) What are functions of otter board ?
 - (h) Briefly narrate the mechanism of operation of gill net.
2. Answer any *four* from the following : $4 \times 5 = 20$
- (a) Give a brief account on the design of mechanised fishing craft.
 - (b) Briefly narrate different types of fishing gears operated in West Bengal.
 - (c) Write a note on different types of natural fibres used in fishing gear construction.
 - (d) Describe the maintenance and preservation of fishing gears.
 - (e) Briefly explain the mechanism of beam trawling.
 - (g) Give an account on the construction and method of operation in any one purse seine.

(3)

3. Answer any *one* from following : 1×10

(a) (i) What is fishing equipment ?

(ii) Write a brief note on fish finder and G.P.S.

(iii) Add a note on bull trawling. 2+5+3

(b) Short note : 2½×4

(i) Ferro-Cement

(ii) Sinkers

(iii) Trammel net

(iv) Catamarans
