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

2019

B.Sc. (Honours)

5th Semester Examination

AQUACULTURE MANAGEMENT

Paper - C12T

[Post harvest technology, fish and aquaculture products and byproducts]

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.*

1. Answer briefly any *five* questions from the following :
5×2=10
 - (a) Mention the source of agar-agar. State its uses.
 - (b) State about fish protein concentrate.
 - (c) What is isinglass ? Mention its uses.
 - (d) Mention the objective of fish packaging.

[Turn Over]

(2)

- (e) What is colombo curing ?
- (f) Name four chemicals used in fish processing industry.
- (g) What is Chitosan ? Mention its uses.
- (h) What is fish hydrolysate ? Enlist some such products prepare from fish.

2. Answer any *four* questions from the following :

4×5=20

- (a) Discuss about different packaging materials used in fishery industry.
- (b) Mention the criteria for identifying a spoil fish.
- (c) State about different methods for icing of fish.
- (d) Briefly discuss about cryogenic freezing of fish.
- (e) Write on dry reduction method of fishmeal preparation.
- (f) What is CCP ? Mention different principles of HACCP.

3. Answer *one* question from the following : 1×10

- (a) (i) What do you mean by fish byproducts and value added products ?

(3)

- (ii) Enlist different byproducts prepared from fish and shell fishes.
 - (iii) Write down preparation procedure of fish liver oil. 3+3+4
- (b)
- (i) Discuss about different process of fish drying methods.
 - (ii) Write down the requirements of preparation for battered and braided products.
 - (iii) State about the procedure of fish surimi preparation. 4+3+3
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