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BPVI-044**DIPLOMA IN FISH PRODUCTS****TECHNOLOGY (DFPT)****Term-End Examination****Dec., 2021****BPVI-044 : FISH BYPRODUCTS AND WASTE****UTILIZATION***Time : 2 Hours**Maximum Marks : 50***Note :** (i) Attempt any **five** questions.

(ii) All questions carry equal marks.

1. Describe the operations involved in fish meal production by wet reduction method with the help of a flow diagram. 10
2. Discuss on the industrial applications of fish body oil. 10

P. T. O.

3. Write short notes on any **two** of the following :

2×5=10

- (a) *Beche-de-mer*
- (b) Uses of Isinglass
- (c) Extraction of shark fin rays

4. (a) Describe the uses of Agar in microbiology and as food. 5

- (b) Explain the process of preparation of sodium alginate. 5

5. Give the flow diagram for preparation of the following products :

- (a) Crab wafers 5
- (b) Fish soup powder 5

6. Explain the following : $4 \times 2\frac{1}{2} = 10$

- (a) Fish noodles

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(b) Fish kure

(c) Fish pickles

(d) Ageing

7. (a) What are the sources of Chitin ? 5

(b) Describe the process of separation of shark
skins. 5

8. Discuss on the nutraceuticals derived from fin
fish. 10