

**DIPLOMA IN FISH PRODUCTS TECHNOLOGY
(DFPT)**

Term-End Examination

June, 2013

**BPVI-041 : INTRODUCTION TO FISH,
PROCESSING, PACKAGING AND VALUE
ADDITION**

Time : 2 hours

Maximum Marks : 50

Note : Attempt any five questions only. All questions carry equal marks.

1. Define *any ten* of the following terms : **10x1=10**
- (a) Autolysis
 - (b) Sanitizers
 - (c) Canning
 - (d) Retort pouches
 - (e) Vacuum packaging
 - (f) Value Addition
 - (g) K value
 - (h) Chilling
 - (i) Thawing
 - (j) HDPE
 - (k) Aseptic Packaging
 - (l) Active Packaging

2. Write short notes on *any two* of the following : 2x5=10
- (a) Composition of fish
 - (b) Essential fatty acids in Fish oil
 - (c) Changes occurring after Fish death
3. (a) Discuss about the handling of fish on board. 5
- (b) Explain about the facilities required in ideal fish landing centres. 5
4. Define Exhausting. Why it is done ? Discuss about the different methods of exhausting during canning. 10
5. What are the differences between Freezing and Chilling ? Describe the equipments used for chilling and freezing of fishes ? Give the advantages and disadvantages of freezing. 10
6. (a) Describe the quick salting process for curing fish. 5
- (b) Define IQF. What are its advantages and disadvantages ? 5

7. Write short notes on *any two* of the following : $2 \times 5 = 10$

- (a) Quality changes during frozen storage
- (b) Modified Atmospheric Packaging (MAP)
- (c) Anti-Microbial Packaging

8. Write short notes on *any two* of the following : $2 \times 5 = 10$

- (a) Packaging of frozen fish products
 - (b) Flexible Packaging Materials
 - (c) Commercial role of Value Addition in Fisheries Sector.
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