

2023

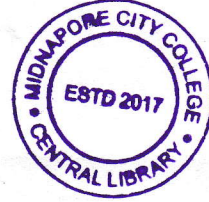
**BFSC 5th Semester Examination**

( Fish Packaging Technology )

PAPER — BFSC-507

Full Marks : 50

Time : 2 hours



*Indirjit*

*The figures in the right-hand margin indicate marks.*

*Candidates are required to give their answers  
in their own words as far as practicable.*

*Illustrate the answers wherever necessary.*

1. Answer **any ten** from the following questions :  
2×10=20

- (a) State the functions of fish packaging technology.
- (b) What is labelling of a product?
- (c) What is packaging material? Provide two examples.

/769

(Turn Over)

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( 2 )

- (d) Describe laminated packaging materials.
- (e) What do you mean by resin code and barcode?
- (f) Write a note on biodegradability of the packaging materials.
- (g) What is UV printing on packaging materials?
- (h) What do you mean by hologram?
- (i) Point out the difference between screw cap and nap lid.
- (j) Describe heat seal bottle closure.
- (k) What are different types of filling machines used in packaging technology?
- (l) Mention the types of conveying systems used in packaging technology.
- (m) What are the advantages of the corrugated fibre boards?
- (n) What is the difference between laminations and coextrusions?
- (o) What are advantages of retort pouch packaging?

1769 (Continued)



( 3 )

2. Answer any six from the following questions :  
5×6=30
- (a) Illustrate briefly the types of information provided in package labelling. 5
  - (b) Write a note on safety and legislation aspects of packing. 5
  - (c) What are the factors that affect the transport worthiness of packaging materials? 5
  - (d) Describe briefly the types of polymers used in packaging technology. 5
  - (e) How Modified Atmospheric Packaging (MAP) works? What are the main benefits of MAP? 2+3=5
  - (f) Define active packaging. What are different types of active packaging? 2+3=5
  - (g) What are the applications and advantages of vacuum packaging in food industry? 5
  - (h) Illustrate the advantages of biodegradable films. 5

1769 (Turn Over)

( 4 )

- (i) Discuss about legislation of fish packing. 5
- (ii) Briefly discuss on different methods of fish food packaging. 5



B.F.Sc./5<sup>th</sup> Sem/BFSC-507/23

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