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Total No. of Pages : 02

Total No. of Questions : 18

B.Tech. (Food Tech.) (Sem.-5)

**FOOD PACKAGING**

Subject Code : BTFT-502

M.Code : 78647

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION TO CANDIDATES :**

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains FIVE questions carrying FIVE marks each and students has to attempt any FOUR questions.
3. SECTION-C contains THREE questions carrying TEN marks each and students has to attempt any TWO questions.

**SECTION-A****Answer briefly :**

- 1) What do you understand by aseptic packaging?
- 2) Differentiate between package and packaging.
- 3) What are the ways to measure the tearing resistance of paper?
- 4) What are the difference between bursting strength and tensile strength?
- 5) What do you mean by WVTR?
- 6) How shelf life play important role in processed foods?
- 7) What is the importance of lacquering?
- 8) Write the importance of retortable pouches.
- 9) Write briefly on importance of edible film.
- 10) Differentiate between active and intelligent packaging system.





**SECTION-B**

- 11) Discuss the criteria for the selection of packaging material for a product.
- 12) Write note on the main constituents of wood cell wall.
- 13) Describe different properties of glass containers.
- 14) Write briefly on role of irradiation in packaging.
- 15) What are the different packaging laws and regulation used in the food product?

**SECTION-C**

- 16) What are the classes of packaging materials? Elaborately describe each class with suitable example.
- 17) What is CA storage and MA storage? Write the advantages and disadvantages of both storage systems.
- 18) Write detailed note on the following :
  - a) Vacuum packaging
  - b) Flexible packaging materials

**NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.**

