

- Q.30 Discuss about the packaging material used for milk packaging.
- Q.31 Briefly explain shrink packaging. Highlight their uses.
- Q.32 Describe the procedure of flex-vac process of vacuum packaging.
- Q.33 Tabulate the packaging materials and their form in which they are used for food packaging.
- Q.34 List the properties of good packaging material.
- Q.35 Briefly explain the functions of food packaging.

#### **Section-D**

**Note:** Long answer Questions. Attempt any two Questions out of three Questions. (2x10=20)

- Q.36 Describe in detail the packaging requirements for milk and milk products.
- Q.37 Describe in detail the packaging requirements for baked products.
- Q.38 Describe packaging law and regulation regarding food.

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### **Food Technology**

#### **Subject : Food Packaging Technology**

**Time : 3 Hrs.**

**M.M. : 100**

#### **SECTION-A**

**Note :** Multiple choice questions. All questions are compulsory. (10x1=10)

- Q.1 A metal can and glass bottle are example of
- Primary Packaging material
  - Secondary packaging material
  - Tertiary packaging material
  - Quaternary packaging material
- Q.2 The bonding of two or more webs is called
- Coating
  - Laminating
  - Skimming
  - Tempering
- Q.3 The gram of water vapor transmitted from 1m<sup>2</sup> of film area in 24 hours is known as
- Water vapor permeability
  - Water vapor permeance
  - Water vapor transmission rate
  - Moisture transfer coefficient
- Q.4 Thermoplastic by heat treatment, becomes
- Softer
  - Harder
  - Burn
  - Discoloration
- Q.5 Paper derives its name from
- Poper
  - Papyrus
  - Parparian
  - Paparus

- Q.6 Wax coating is done on fruits and vegetables to  
 a) Retard respiration b) Retard dehydration  
 c) Enhance appearance d) All of these
- Q.7 Every commodity in packaged form should bear upon it  
 a) Name and address of manufacturer  
 b) Net quantity  
 c) Sale price  
 d) All of these
- Q.8 Wooden boxes are not  
 a) Bio degradable b) Environment friendly  
 c) Stackable d) Termite proof
- Q.9 A brown colored circle or square on the packaged food indicates  
 a) Vegetarian food b) Non vegetarian  
 c) Both A & B d) Oily food
- Q.10 Polystyrene is made by polymerization of  
 a) Styrene b) Ethylene  
 c) Propylene d) Methylene

### Section B

**Note:** Objective types Questions. All Questions are compulsory. (10x1=10)

- Q.11 Protective package for the primary package is called\_\_\_\_\_.
- Q.12 Filling of commercially sterilized food into pre sterilized container under aseptic condition and sealing of the container so that re-infestation is prevented is called\_\_\_\_\_

- Q.13 The work Kraft meaning\_\_\_\_\_.
- Q.14 The only liquid that reacts rapidly with glass at room temperature is \_\_\_\_\_
- Q.15 Number of layers in tetra pack is \_\_\_\_\_.
- Q.16 MAP stands for \_\_\_\_\_.
- Q.17 Regenerated cellulose film is \_\_\_\_\_.
- Q.18 PVC termed as \_\_\_\_\_.
- Q.19 Packaging in which packaging material shrink when heated is called\_\_\_\_\_.
- Q.20 Paper used in bandages and packing of soaps is \_\_\_\_\_.

### Section-C

**Note:** Short answer type Questions. Attempt any twelve Questions out of fifteen Questions. (12x5=60)

- Q.21 List value basic properties cellophane.
- Q.22 Differentiate between soft wood and hard wood.
- Q.23 Briefly explain the properties of glass as packaging material.
- Q.24 Differentiate between LDPE and HDPE.
- Q.25 Explain WVTR with its significance.
- Q.26 Explain the steps involved in shrink packaging.
- Q.27 Write the advantages and disadvantages of paper as packaging material.
- Q.28 Explain tetra packaging give some examples of tetra packed foods.
- Q.29 List the information that is mandatory to declare on packet label.