

- 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.

No. of Printed Pages : 4
Roll No.....

181161/121161/31161

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
a) Primary Packaging material
b) Secondary packaging material
c) Tertiary packaging material
d) Quaternary packaging material

Q.2 The bonding of two or more webs is called
a) Coating b) Laminating
c) Skimming d) Tempering

Q.3 The gram of water vapor transmitted from $1m^2$ of film area in 24 hours is known as
a) Water vapor permeability
b) Water vapor permeance
c) Water vapor transmission rate
d) Moisture transfer coefficient

Q.4 Thermoplastic by heat treatment, becomes
a) Softer b) Harder
c) Burn d) Discoloration

Q.5 Paper derives its name from
a) Poper b) Papyrus
c) Parparian c) 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
- 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 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 ____

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.