

- Q.25 Briefly describe the packaging requirements for milk powder and ghee
- Q.26 Briefly explain the concept of shrink packaging with their uses.
- Q.27 Differentiate between thermoplastic and thermoset plastic with suitable example.
- Q.28 List the properties of a good packaging material.
- Q.29 Explain different types of paper.
- Q.30 Write the advantages and disadvantages of metal as packaging material .
- Q.31 Briefly explain about bursting strength and its significance.
- Q.32 Briefly explain the properties of glass as packaging material .
- Q.33 Briefly explain different types of food packages with suitable example.
- Q.34 Explain in brief about aseptic packaging of foods.
- Q.35 Explain the principles of packaging.

#### SECTION-D

- Note:** Long answer type questions. Attempt any two questions out of three questions. (2x10=20)
- Q.36 Describe in detail the packaging requirements for milk.
- Q.37 Explain different methods of vacuum packaging.
- Q.38 Explain different laws related to packaging of food products .

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### 6<sup>th</sup> Sem / Food Technology Subject:- Food Packaging Technology

Time : 3Hrs.

M.M. : 100

#### SECTION-A

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

- Q.1 Food packaging surrounds , enhances and.....the food .
- a) Spoilage                      b) Process
- c) Protects                      d) Transport
- Q.2 .....is made by heating of silica, sodium carbonate and limestone at high temperature .
- a) Plastic                      b) Glass
- c) Aluminium foil              d) Paper
- Q.3 The disadvantage of plastic is
- a) Low cost                      b) Coloring
- c) Disposability              d) All
- Q.4 Labeling gives the information to the consumer about
- a) Nutritional content      b) Net weight
- c) Product use              d) All of these

- Q.5 Kraft process is related to
- Paper manufacturing
  - Glass manufacturing
  - Metal manufacturing
  - Plastic manufacturing
- Q.6 Cellophane is
- A cellobiose combined with ethane
  - A cellulose combined with methane
  - Regenerated cellulose
  - It has no relation with cellulose
- Q.7 Tetra pack are made up of .....
- Paper, aluminium, polyethylene
  - Polypropylene, Paper, polyethylene
  - Paper, aluminium, polystyrene
  - Polyethylene, aluminium, polystyrene
- Q.8 For packaging of bread the packaging material should have
- High wvtr
  - Low wvtr
  - Aluminium coating
  - White surface
- Q.9 Packaging material PET is.
- Polyethylene tray
  - Polyethylene toluene
  - Polyethylene terephthalate
  - Polyethylene tetraphthalate
- Q.10 In paper manufacturing ....in wood pulp is removed by washing
- |             |                      |
|-------------|----------------------|
| a) Fibers   | b) Lignin            |
| c) Moisture | d) None of the above |

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## SECTION-B

**Note:** Objective type questions. All questions are compulsory. (10x1=10)

- Q.11 CAS stands for.....
- Q.12 Metal foil used for food packaging is .....
- Q.13 Materials which comes directly in contact with food material is called.....
- Q.14 Combining two or more than two films into a single film is Known as .....
- Q.15 The most widely used material for food packaging is .....
- Q.16 Glassine paper is used for packing of.....
- Q.17 ....paper is brown in colour.
- Q.18 The rate at which a given gas will diffuse through a stated area of a specimen at standard pressure and temp. is called
- Q.19 Number of layers in tetra pack.....
- Q.20 Neck of bottle is always.....than the body of the container.

## SECTION-C

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

- Q.21 Explain the working principle of tetra pack unit.
- Q.22 Why is labeling considered important aspect of food packaging ? Briefly explain.
- Q.23 List value basic properties of PVC.
- Q.24 Briefly explain different types of bag used in food packaging.

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