



**KERALA AGRICULTURAL UNIVERSITY**  
**B.Tech.(Food Technology) 2020 Admission**  
**VI Semester Final Examination – July 2023**

Pafe.3232

**Food Packaging Technology and Equipment (2+1)**

**Marks: 50**  
**Time: 2 hours**

- I State True or False** **(10x1=10)**
1. Laminated tube is sealed by heat sealing.
  2. Hard wood is better in making wooden containers
  3. Foil above 30 microns will have lot of pin holes.
  4. Oil resistance of HDPE is better than LDPE
  5. Packaging is a tool for marketing.
- Define the following**
6. Adhesion
  7. Injection stretch blow molding process
  8. Unit pack.
  9. Tin free steel.
  10. Thermoforming.
- II Write short notes on ANY FIVE of the following** **(5x2=10)**
1. What are 2-piece cans?
  2. What is thermoplastics?
  3. What is PET?
  4. Write short note on strip packaging.
  5. What are desiccants?
  6. Why is LDPE used in Flexible films?
  7. Write short note on non-impact printing.
- III Answer ANY FIVE of the following** **(5x4=20)**
1. Write in brief about different tests performed on composite containers to check their quality.
  2. Write a note on bottle filling machine.
  3. Write a note on different printing methods used in packaging printer.
  4. Write note on ethylene scavengers.
  5. Write note on bag in box package.
  6. Discuss three levels of packaging.
  7. Write note on polyethylene.
- IV Write an essay on ANY ONE of the following** **(1x10=10)**
1. Define aseptic packaging and explain its advantages to manufacturer and consumers.
  2. Discuss manufacturing process of Glass bottles / containers with diagram

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