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# Ecodesign in food packaging

UNIT 5: Packaging logistics for food systems marketing

Quiz and Assignment

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Quiz ..... 2

Assignment ..... 3



## Quiz

- 1) Logistics functions for marketing food systems are:
  - A. Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Graphic design; Formulation of legislative and marketing requirements; Customer requirements / consumer convenience for final use;
  - B. Logistics Functions: Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Environmental issues; Recovery / recycling, dematerialisation versus reusable packaging toxicity.
  - C. Logistics Functions: Facilitate distribution; Protecting both the product and the environment; Provides information about conditions and locations; Marketing functions; Graphic design; Formulation of legislative and marketing requirements; Customer requirements / consumer convenience for final use; distribution; Environmental issues;
  
- 2) Systems used in food packaging, logistics, include:
  - A. Containers or corrugated cardboard boxes, shrink-film bundles, reusable bags, packaging units composed of pallets, and stretch film.
  - B. Containers and metal boxes.
  - C. Plastic trays covered with plastic tightening foil.
  
- 3) The most commonly used reusable packaging is plastic packaging and less corrugated cardboard boxes, wooden boxes and boxes placed on pallets. This logistics is used to:
  - A. A short supply chain, well managed, with predictable stability.
  - B. Logistics networks delivering food through complex distribution channels.
  - C. Transportation of products to the market.
  
- 4) Reusable packaging has a standard fingerprint:
  - A. 500 x 500 mm
  - B. 600 x 400 mm
  - C. 500 x 300 mm
  
- 5) The pallet is:
  - A. A standard wooden or plastic holder of standardized size, with the aid of which several packages are made of a handling unit for the entire storage and transport process with a maximum weight of 1000 kg.



- B. A wood or other material of a standardized size, by means of which several parcels are assembled, a handling unit for the entire storage and transport process with a maximum weight of 1000 kg, used for the transport of goods packaged in parallelepiped packages, which have sufficient stability.
- C. A support of wood or other material of standardized size, by means of which several packages are formed, a handling unit for the entire storage and transport process.
- 6) The advantage of the container for transporting food to the package made on a pallet is:
- A. Preserving the quality and integrity of goods, even with the removal of individual packaging and repeated handling.
- B. They are made of stainless steel and are heat-resistant.
- C. They are made of corrugated cardboard and are cheaper.
- 7) Ecodesign of logistics packages involves:
- A. Making an optimized packaging solution by optimizing the choice of materials, packaging types (conditioning or transport), packaging processes, palletizing, truck loading. Finally, an eco-design report is delivered with all technical documents (packaging drawings, packaging, palletizing).
- B. Making an optimized solution for the packaging system by optimizing the choice of materials, packaging types (conditioning or transport).
- C. Making an optimized solution of the packaging system by optimizing the choice of materials, packaging types (conditioning or transport), packaging processes, palletizing, truck loading.

## Assignment

1. Analyze how logistic functions are accomplished by packaging made of corrugated cardboard boxes mounted on pallets and tightened with stretch film.

