B. Tech.

(SEM. VIII) Examination, 2006-07

PACKAGING TECHNOLOGY

Time: 3 Hours] [Total Marks: 100

Note: Answer any five questions. All questions carry equal marks.

1. Discuss the concept of packaging. What is the role of packaging in utility, life and marketing of a product?

2. Write a detailed programme for the development of a package for a food product.

3. What is the importance of printing on a package? Discuss it by giving certain examples in support of your reply.

4. What are the coatings which are used for metal containers? Discuss the application methods of these coatings also.

5. Describe various flexible packaging surfaces used for different purposes. How, the printing of these is done? Discuss the details of any one of the processes of printing used on this.

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6 Discuss various types of closures and applicators used in different packages.

7 What do you mean by rigid plastic packages? Discuss, in detail the formation of these packages.

8 Write notes on any four of the following:
   (i) Labels and Labelling
   (ii) Aerosols
   (iii) Tetrapack
   (iv) Corrugated Boxes
   (v) Lamination
   (vi) Cushioning in package.