B. Tech.
(SEM. VIII) EXAMINATION, 2006-07
PACKAGING OF OILS, FATS &
ALLIED PRODUCTS

Time : 3 Hours  [Total Marks : 100]

Note :  (i) Answer all questions.
        (ii) All questions carry equal marks.
        (iii) Be precise on your answer.

1  Attempt any four parts of the following : 5×4=20

(a) Discuss the role of packaging in Indian context.

(b) Explain the properties of different metals used for packaging.

(c) What types of materials are suitable for packaging in glassware’s? Also give properties of glasswares used for packaging.

(d) Explain the properties and significance of films used for packaging of various items.

(e) Discuss the properties of unconventional packaging materials and their significance.

(f) Describe the effect of environment on various plastic films.

V–9157]  1  [Contd...
2 Attempt any four parts of the following: \(5 \times 4 = 20\)

(a) Explain the criteria for selection of packaging form along with their merits and demerits.

(b) Describe the different forms of metal containers used for packaging and their significance.

(c) Explain the properties of corrugated boxes for packaging various items.

(d) What are the different forms of tubes used for packaging and why?

(e) Discuss the merits and demerits of packaging in the form of aerosols.

(f) Discuss the various forms of molded plastic used for packaging and their significance.

3 Attempt any two parts of the following: \(10 \times 2 = 20\)

(a) What are the requirements of packaging surfaces for edible oils?

(b) What are the different types of printing used on metal containers for packaging?

(c) “Printing on packaging surfaces and their compatibility plays a vital role in packaging.” Comment on the above statement.

4 Attempt any two parts of the following: \(10 \times 2 = 20\)

(a) What are the requirements of printing of various surfaces?

(b) What do you understand by laminating the packaging surfaces? Why at all lamination is required?
(c) Discuss the properties of different coatings used for packaging surfaces.

5 Attempt any two parts of the following: 10x2=20

(a) Explain in brief the impact of various packing materials on storage stability of perfumes.

(b) Explain the properties of packaging materials used for packaging lubricating greases.

(c) Discuss the impact of packaging material on the quality of cosmetic products.