

- Q.6 Write a detailed note on warehousing and retail outlet consideration in detail.
- Q.7 Discuss on various environmental protection issues in the packaging industry.

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Roll No.

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3rd Sem. / Pack. Tech.

Subject : Basics of Packaging & En

Time : 3 Hrs.

M.M. : 100

SECTION-A

Note: Very Short Answer type questions. Attempt any 15 parts. (15x2=30)

- Q.1
- a) Business process.
 - b) Concept of marketing.
 - c) What is branding?
 - d) concept of investment.
 - e) Advantages of packaging.
 - f) Packaging materials.
 - g) Ancillary material.
 - h) Packaging users.
 - i) Physical state of the product.
 - j) Contract packaging.

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- k) Characteristics of the product in packaging.
- l) Basic needs for transshipment.
- m) Unloading hazards.
- n) Effects of mechanical damages.
- o) Corrodible products.
- p) Environmental burdens.
- q) Environmental impacts on packaging.
- r) Role of manufacturer.

SECTION-B

Note: Short answer type questions. Attempt any ten parts
10x4=40

- Q.2
- i) Identification and control of impacts.
 - ii) Package material recovery.
 - iii) Strategies of waste management.
 - iv) Recycling of laminates.
 - v) Environmental strengths of various packaging materials.
 - vi) Methods of life cycle analysis.

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- vii) Various risks involved on packages.
- viii) Climatic and bio-deterioration of packages.
- ix) Various causes of corrosion of packaged articles.
- x) Loading and unloading hazards.
- xi) Hazards of warehousing.
- xii) Needs for warehousing.
- xiii) Commercial packaging functions.
- xiv) Various support services for the packaging industries.
- xv) Role of media in advertising.

SECTION-C

Note: Long answer type questions. Attempt any three questions.
3x10=30

- Q.3 Write a detailed note on marketing and value addition in packaging industry in detail.
- Q.4 Write down on the various packaging materials in detail.
- Q.5 Discuss on the business of packaging in detail.

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