



Total No. of Questions: 4/18

Total No. of Pages: 01

**SECOND YEAR (S.Y B.Voc Food Processing Technology)**  
**BVO24102: Food Packaging Technology**  
**(Semester IV)**

**Program:** B.Voc (FPT)  
**Program Specific:** B.VOC (Food Processing Technology)  
**Course Type:** Major  
**Paper:**

**Credits:** 2  
**Time:** 2 Hours  
**Max. Marks:** 30  
**SET:** A

**Instructions to the candidate:**

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

**Q1) Answer the following**

[5 X 1 = 5]

- a) Define plastic.
- b) Give the uses of nylon in packaging.
- c) What is biodegradable packaging?
- d) Give full form of WVTR.
- e) Define shrink wrap packaging.

**Q2) Answer the following (Attempt any 5/7)**

[5 X 2 =10]

- a) Enlist properties of good barrier material and explain any one of them.
- b) What do you mean by vacuum packaging?
- c) Give the uses of fining agents in manufacturing of glass.
- d) Write down the advantages of glass as a packaging material?
- e) Give the classification of packaging material on bases of rigidity.
- f) Give the uses of corrugated paper.
- g) What do you mean by climatic and mechanical hazards?

**Q3) Answer the following/Write short notes on following (Attempt any 2/4)**

[2 X 5 = 10]

- a) Explain in details about packaging and labelling laws and regulations.
- b) Describe the manufacturing processing of paper.
- c) Explain in details about any 5 packaging materials used in food industry
- d) Explain the process of lamination in detail.

**Q4) Answer the following (Attempt any 1/2)**

[5 X 1 = 5]

- a) Explain the process of retort packaging in details.
- b) Write a short note on modified atmospheric packaging.

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