

Roll No.....

Total No. of Printed Pages: [1]

Total No. of Questions: [09]

B.Sc. (Food Technology)/B.F.S.T (Hons.) (Semester – 5th)

FOOD PACKAGING

Subject Code: BFOTS1-502

Paper ID: [19131724]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) Define Food Packaging.
- b) What is the role of labeling laws?
- c) Give flow chart for aseptic packaging.
- d) Enlist various laminates used in food packaging.
- e) Differentiate between CAP and MAP
- f) What do you mean by retort packaging?
- g) Write a short note on seal and shrink packaging of foods.
- h) How can you prevent oxidation using packaging material?
- i) What are the advantages of CFB?
- j) Give function of packaging.

Section – B

(5 marks each)

Q2. Give the packaging requirements of following:

- a. Highly perishable foods b. Perishable foods

Q3. Give the composition and properties of glass as packaging material.

Q4. Write a note on disposal of plastic waste.

Q5. What are lacquers? Discuss various types of lacquers.

Q6. Briefly describe edible packaging.

Section – C

(10 marks each)

Q7. Explain the manufacturing process of tin cans.

Q8. Give methods of glass bottle making.

Q9. Differentiate between:

- a. Active Packaging vs Intelligent Packaging b. Retort packaging vs Aseptic packaging
- c. Injection plastic molding vs Blow molding d. Recycling of waste vs disposal of waste