

End Semester Examinations - 2015-16 Even Semester - May 2016

14FP2012 Food Packaging Technology

Set A

Time : 3 hrs
Total Marks: 100

1. Write a brief note on various tests performed in packaging material:

- (a) WVTR (5Marks)
- (b) Tearing strength (5Marks)
- (c) Tensile strength (5Marks)
- (d) Migration studies (5Marks)

OR

2. a. Mention the importance of ASLT in estimating shelf life of food. (5Marks)
b. Discuss the method of estimating the shelf life of food materials by ASLT procedure. (15Marks)
3. a. Discuss in detail about two piece welded can processes.(12Marks)
b. Explain the importance of exhausting process in canning with its types.(8Marks)

OR

4. a. Enumerate with neat sketch about the method of manufacture of glass bottles.(15Marks)
b. Differentiate between three piece and two piece cans. (5Marks)
5. Write in detail about the various blow moulding techniques of plastic bottle manufacture. (20Marks)
- OR**
6. a. Discuss in detail the manufacturing of paper and paperboard with neat sketch. (12Marks)
b. Give a note on various layers in a retort pouch with its dimension and implication. (4Marks)
c. Mention the role of Barcode in a food package. (4Marks)

7. Discuss in detail the following:

- (a) Printing on packages (10Marks)
- (b) Labelling (10Marks)

OR

8. a. Describe in detail about active packaging with applications in foods. (14Marks)
b. Mention the role of widgets in active packaging. (6Marks)
9. a. Define MAP and importance of it in food packaging. (5Marks)
b. Discuss various gases used and the effect of gases in MAP. (15Marks)

Wishing you All the Best
