



23104225

QP CODE: 23104225

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, JANUARY 2023**

Third Semester

B.Sc Food Science & Quality Control Model III

Core Course - FS3CRT10 - FOOD PACKAGING MATERIALS & TESTING

2017 Admission Onwards

F6CB31EB

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. Write the classifications of food packaging.
2. Why do we need an effective packaging for food products?
3. Differentiate primary and tertiary packaging.
4. Comment on laminates.
5. Discuss about suitable packaging materials for dried products.
6. Comment on Aluminium foil.
7. Comment on PP and PE.
8. Explain horizontal form fill seal packaging.
9. Write short note on vacuum packaging.
10. Give the application of active packaging.
11. Comment on non-destructive test.
12. Describe about moisture interchange in plastic packaging material.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Evaluate the characteristics of a good packaging material.





14. Explain the advantages of rigid and semi rigid packaging.
15. Write a short note on different types of paper.
16. Explain manufacturing process of glass and write its merits and demerits.
17. Comment on different types of jars and bottles.

18. Describe aseptic packaging as a modern trend. Compare aseptic processing with conventional process of food packaging
19. Explain applications of CAP and MAP

20. Give a detailed account on retort pouches and boil in bags . Explain its structure, merits and demerits
21. Explain the tests for tin plate

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Discuss on the classification of packaging materials.

23. Explain different forms of packaging like jars, bottles boxes and cans. Give its advantages and disadvantages.
24. Explain Edible films and its application in food industry.
25. Explain the testing of tin and plastic packaging material.

(2×15=30)

