

QP CODE: 24027310



Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2024**

Third Semester

B.Sc Food Technology & Quality Assurance

Core Course - FQ3CRT03 - FOOD PACKAGING TECHNOLOGY

2017 Admission Onwards

D1964DE0

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. What is the importance of appearance of a package?
2. Comment on "levels of packaging".
3. What is fine paper?
4. What are DWI cans?
5. What is R enamel?
6. Give a list of packages that are suitable for packing dehydrated foods.
7. Comment on Easy-open-ends.
8. Write a short note on Hyperbaric storage.
9. Give any two examples for spoilage indicators in intelligent packaging system.
10. Add a brief note on PFA rule regarding packaging.
11. Give a list of possible hazards to glass containers during storage and transportation.
12. What is specific migration of plastics?

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Add a short note on Rigid packaging materials. Comment on any two rigid packaging materials.
14. Add a short note on suitable closures for glass containers.
15. Explain the problems associated with the packaging of food in aluminium containers.
16. Explain the plastic materials which has high barrier properties.
17. Compare the properties of PLA and PHA plastics.
18. What are the criterias to be considered while selecting a package for fruits?
19. Explain the advantages and disadvantages of MAP.
20. Add a note on flavour or odour absorbers and preservative releasers within packages.
21. Explain Cobb's test.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Explain the Functions of packaging.
23. Discuss on the modern packaging concepts for meat and fish.
24. What is aseptic packaging system? Explain different systems..
25. Discuss about the packaging materials that have excellent barrier properties against moisture, gases and aroma.

(2×15=30)

