

QP CODE: 18103350



Reg No :

Name :

B.Sc. DEGREE (CBCS) EXAMINATION, NOVEMBER 2018

Third Semester

B.Sc Food Science & Quality Control Model III

CORE COURSE - FS3CRT10 - FOOD PACKAGING MATERIALS & TESTING

2017 Admission Onwards

24335933

Maximum Marks: 80

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. Define food packaging.
2. What are the properties of food packaging
3. List some uses of semi rigid packaging
4. Give some advantages of flexible packages
5. What is meant by rigid Aluminium container?
6. Comment on white board
7. Define laquers. Commonly used laquers in cans.
8. Explain advantages and disadvantages of vacuum packaging
9. What are sachets and pads
10. List down the steps involved in retort processing
11. Explain the criteria used to evaluate aluminium cans
12. How can we evaluate the shelf life of packed food products

(10×2=20)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Explain the function of packaging in food preservation
14. Discuss about primary secondary and tertiary packaging materials
15. Comment on different types of plastics used as food package





16. Briefly explain tin can corrosion
17. Give the advantages of biodegradable packaging
Write a short note on renewable raw materials used in biodegradable packaging
18. Describe aseptic packaging as a modern trend. Compare aseptic processing with conventional process of food packaging
19. Explain edible films with suitable examples. Give its application
20. Explain applications of CAP and MAP
21. Explain about the tests used for the evaluation of packaging materials.

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Discuss on the classification of packaging materials
23. Comment on glass packaging materials
24. Comment on form fill seal packaging technology.
25. Write an essay on WVTR, OTR, GTR and aroma permeability .How these are important in assessing the quality of packaged food products

(2×15=30)

