

TM211990TR

Reg. No :

Name :

M. Voc DEGREE (C.S.S.) EXAMINATION, NOVEMBER 2021
[2021 Admissions Regular and 2020 Admissions Improvement & Supplementary]
SEMESTER I - GENERAL (FOOD PROCESSING TECHNOLOGY)
VFPT1G02TM20 - NOVEL FOOD PACKAGING TECHNOLOGY

Time : 3 Hours

Maximum Weight : 30

Part A

I. Answer any Eight questions. Each question carries 1 weight

(8x1=8)

1. Identify two forms of packaging to provide greaseproofness
2. State any four requirements of packaging material for food.
3. State the reasons why packing should be provided for fresh fruits and vegetables
4. State the different packaging used for packing dairy products
5. Describe lacquers
6. State the components of tin plate
7. List some of the quality indicators used in intelligent packaging
8. Define intelligent packaging
9. State the different machines used in MAP
10. Define Cobb value

Part B

II. Answer any Six questions. Each question carries 2 weight

(6x2=12)

11. Explain the marketing considerations for food packaging
12. Explain the different shelf-life testing methods
13. Give an account on polyolefins used in food packaging
14. Give an account on any flexible packaging
15. Explain the effect of gases in MAP
16. Explain the application of nanotechnology in food packaging system
17. Discuss the different vacuum packing machines
18. Explain lacquer adhesion test

Part C

III. Answer any Two questions. Each question carries 5 weight

(2x5=10)

19. Explain the packaging system used for meat and meat products.
20. Discuss the properties of glass packaging and explain the bottle making process
21. Write a short note on a.) Adhesives b.) Labelling c.) Coding
22. Discuss the tests for evaluation of plastic containers