

D 141110**(Pages : 2)****Name.....****Reg. No.....****FOURTH SEMESTER B.Voc. DEGREE EXAMINATION, APRIL 2026**

Dairy Science Technology

SDC4DT19—PACKAGING AND JUDGING OF MILK PRODUCTS

(2021 Syllabus)

Time : Two Hours and a Half

Maximum : 80 Marks

Part A

*Short Answer type Questions.
Each Question carries 2 Marks.
Ceiling 25.*

1. Define LDPE.
2. What is polystyrene used for in dairy packaging ?
3. Mention two advantages of glass containers.
4. What is edible packaging?
5. Define polyclip system.
6. What is oxygen permeability ?
7. Define multi-layer film.
8. Mention two toxic components in packaging materials.
9. What is panel screening ?
10. Name one sensory characteristic of cheese.
11. What is judging ?
12. Define recycling.
13. What is dump filling ?
14. Mention two defects in ghee.
15. What is grading ?

(Ceiling 25)

Turn over

Part B

*Paragraph / Problem Type Questions.
Each Question carries 5 Marks. Ceiling 35.*

16. Explain properties of PET and its suitability for milk packaging.
17. Discuss packaging of cultured and fermented milk products.
18. Explain eco-friendly and biodegradable packaging materials.
19. Describe aseptic packaging and its scope in dairy industry.
20. Discuss requirements of sensory evaluation laboratory.
21. Explain judging and grading of concentrated milk products.
22. Discuss judging and grading of dried milk products.
23. Explain role of packaging in enhancing shelf life of dairy products.

(Ceiling 35)

Part C

Essays type, answer any two.

24. Analyse advancements in biodegradable packaging for dairy products.
25. Explain principles and applications of MAP in dairy products.
26. Discuss judging and grading of indigenous milk sweets.
27. Explain defects in milk products and their impact on grading.

(2 × 10 = 20 marks)