



KERALA AGRICULTURAL UNIVERSITY
B.Tech. (Food Engg) 2019 Admission
IV Semester Final Examination- -November 2021

Fden.2206

Dairy Engineering and Technology (2+1)

Marks: 50
Time: 2 hours
(10x1=10)

I Match the following

- | | |
|----------------------------------|-------------------------------|
| 1. Refrigerant | Turbidity test |
| 2. Rail tankers | Whey |
| 3. Road transport | Improper pasteurization |
| 4. Float controlled balance tank | Sublimation |
| 5. Flow Diversion Valve | Long distance milk transport |
| 6. Pasteurization | Gelatin |
| 7. Sterilization | Short distance milk transport |
| 8. Cheese | Regulated flow of milk |
| 9. Ice cream | Ammonia & Freon |
| 10. Freeze drying | Phosphatase test |

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Platform tests
2. Vacation
3. Principles of cream separation
4. Toned milk
5. Aseptic packaging
6. Transportation of milk
7. Cleaning in Place

III Answer ANY FIVE of the following

(5x4=20)

1. Theory of Homogenization
2. Bactofucation
3. Recombined milk
4. Differentiate: Rotary and straight through car washer
5. Stages of freeze drying operation
6. Advantages of drum drier
7. Packaging of butter

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Milk reception methods
2. Method of manufacture of butter
