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SUBJECT CODE NO:- B-2184
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. F.Y (Sem-I)
Examination November/December-2022
Dairy Science and Technology-II
Market Milk Industry

[Time: 1:30 Hours]

[Max. Marks:50]

Please check whether you have got the right question paper.

N.B

- 1) Attempt all questions.
- 2) Illustrate your answer with suitable labelled diagrams.

Q.1 Enlist major and minor milk constituents and explain minor milk constituents. 20

OR

Describe undesirable type of fermentation in milk.

Q.2 Describe growth and reproduction in bacteria. 20

OR

Write short notes on any four of following.

- a) NDRI
- b) Stainless steel metals
- c) Acidity of milk
- d) Operational flood
- e) Milk borne diseases
- f) Milk fat

Q.3 Write correct answer of the following Multiple choice questions 10

- 1) Anterior pituitary gland secretes gonadotropic hormones that are -----
a) FSH b) L.H c) TH d) all above
- 2) -----is not fat soluble vitamin
a) A b) D c) E d) C
- 3) -----is principle phospholipids present in the milk.
a) lecithin b) cephalin c) spingomylin d) none of above

- 4) -----is fat splitting enzyme
a) lipase b) catalase c) protease d) none of above
- 5) -----is fat soluble pigment
a) lecithin b) catalase c) riboflavin d) none of above
- 6) Protein in milk are present in -----state
a) emulsion b) colloidal c) true solution d) none of above
- 7) Specific gravity of cow milk is -----
a) 1.028-1.030 b) 1.030-1.032 c) 1.035-1.037 d) 1.028-1.020
- 8) -----is largest constituent present in milk
a) fat b) protein c) water d) vitamin
- 9) Average boiling point of milk is -----0c
a) 100 b) 100.17 c) 101 d) 101.17
- 10) As per PFA rule buffalo milk should contain min-----% fat.
a) 3.5 b) 4.5 c) 6.0 d) none of above