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SUBJECT CODE NO:- 2076
FACULTY OF SCIENCE AND TECHNOLOGY
B.Sc. T.Y Sem. V
Examination March/April-2022 (To Be Held In June/July-2022)
(G) Dairy Science –I OR

[Time: 1: 53 Hours]

[Max. Marks: 50]

Please check whether you have got the right question paper.

- N.B i) Attempt all questions.
 ii) Illustrate your answer with suitable labelled diagram.
- Q. 1 Define Khoa, its composition and classification. Add a note on food & Nutritive value of khoa 20
 OR
 Write an essay on growth & Destruction of microorganisms and classify the microorganisms of milk.
- Q. 2 Explain milk and public health, what are safe guarding of Milk supply. 20
 OR
 Write short note on any four of the following
 a) Channa based sweets
 b) Physico chemical properties of milk
 c) Judging and grading of milk
 d) Pasteurization & Homogenization
 e) Method of production of khoa
- Q. 3 Select and write correct answer from the give alternatives in each sub questions. 10
 1) Pasteurization is used to destroy
 a) Bacteria
 b) Antibiotics
 c) Nutrients
 d) All of the above
 2) The primary milk carbohydrate is _____
 a) Leucine
 b) Sucrose
 c) Arginine
 d) Lactose.
 3) Which is not a dairy product.
 a) Curd
 b) Khoa
 c) Shrikhand
 d) Issenglass
 4) Acid content of Dahi is _____
 a) 0.25%
 b) 0.40%
 c) 0.45%
 d) 0.75%
 5) Milk & Milk products are the best source of _____

- a) Calcium
 - b) Iron
 - c) Zink
 - d) Phosphorus
- 6) Pasteurized Milk is _____
- a) Fresh Milk
 - b) Packed Milk
 - c) Skimmed Milk
 - d) None of above
- 7) _____ amino acids are commonly found in milk proteins, including essential proteins
- a) 15
 - b) 19
 - c) 89
 - d) 27
- 8) Milk is a good source of all water soluble vitamins except for
- a) Cyanocobalamin
 - b) Thiamine
 - c) Ascorbic acid
 - d) Riboflavin
- 9) Percentage of mineral matter in milk is about
- a) 1%
 - b) 0.7%
 - c) 1.7%
 - d) 1.09%
- 10) Which of the following microorganisms will be more heat resistant
- a) Mesophiles
 - b) Psychrophiles
 - c) Thermophiles
 - d) Streptococci