

Exam Code: 1319
Sub. Code: 9256

2022
B. Voc. (Food Processing and Preservation)
First Semester
FPP-104: Dairy Science and Technology

Time allowed: 3 Hours

Max. Marks: 40

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Answer the following:-

- a) Define spoilage of milk.
- b) Write an application of feed formulation.
- c) Who is the father of Indian dairy industry?
- d) What is the paneer?
- e) RRM is extend for?
- f) Write one application of transgenic dairy animals?
- g) What is the IVRI?
- h) Write names of two institutes, which are associated with development of animal husbandry in India. (8x1)

UNIT - I

- II. a) Briefly describes quality of milk.
b) Write about the dye detection method. Also, write about their application (4,4)
- III. a) What is the fortified milk? Briefly explained advantages of fortified milk for general population.
b) Write a short note on DTM. (4,4)

UNIT - II

- IV. a) What are the main diseases occur in the pregnant animal? Write only about two.
b) What are common fungal diseases which mainly occur in dairy animals? (4,4)
- V. a) What are the feed formulation principal? Write about the feed for pregnant animals.
b) Briefly describe about the vaccinations for animals. (4,4)

P.T.O.

(2)

UNIT - III

- VI. a) Write about the major equipments used for yoghurt production.
b) What are the applications of milk power? (4,4)
- VII. a) Describe in brief about the main defects during production of paneer.
b) Write about the major precautions taken during storage of dairy products (4,4)

UNIT - IV

- VIII. a) Describe the role of dairy industry in Indian economy?
b) Write a short note on government initiative to increase milk production. (4,4)
- IX. a) What is the NDRI? Write its significance in the field of animal husbandry.
b) Write in brief about the role of dairy development in India. (4,4)

x-x-x