

II Year II Semester
DAIRY DEVELOPMENT AND CO-OPERATIVES

THEORY

(60 Lectures)

(4 Credits)

Unit 1: Advantages of Dairying. Principles involved in successful dairying. Systems of dairy farming- Mixed farming and Specialized dairy farming. (10 Lectures)

Unit 2: Methods of procurement of milk; Transportation of milk; Pricing of milk, Marketing of milk. (10 Lectures)

Unit 3: Cooperative Dairying- Structure of Dairy cooperatives; Primary milk producer's cooperative society; District milk producer's cooperative union; objectives and functions. (20 Lectures)

Unit 4: Dairy development programs implemented in India. Operation Flood Program. (10 Lectures)

Unit 5: Economics of maintaining Dairy farm- income and expenditure. Estimating the production cost of milk. (10 Lectures)

Note: On Farm training for two weeks is compulsory during II Year II semester. Students need to submit report at II Semester Practical Examination for Evaluation and award of marks (weightage 20%)

Practicals:

(2 Credits)

1. Record keeping
2. Preparation of project reports for various sizes of dairy farm
3. Calculations on cost of milk production
4. Calculating the cost of milk production: exercises for various sizes of farms.

Reference books :

1. Dairy Management in India - Madhan Mohan
2. Principles and practices of Dairy Farm - Jagdish Prasad
3. Text book of Animal Husbandry - G C Benarjee

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SRI VENKATESWARA UNIVERSITY
THREE YEAR DEGREE EXAMINATION
II B.Sc. -DAIRY SCIENCE PAPER IV; SEMESTER- IV
THEORY MODEL PAPER
PAPER-IV DAIRY DEVELOPMENT AND CO-OPERATIVES

Maximum Marks: 75

Time: 3 Hours

Note to the Examiner: To choose a minimum of one question from each Unit.

SECTION- A (SHORT ANSWERS)

Answer any five of the following.

5X5= 25 Marks

1. Write in brief the advantages of Dairying.
2. What is mixed farming? Write the advantages of following mixed farming.
3. What are the various methods of transportation of milk?
4. Write about the success story of Kaira District Milk Producers Union Limited(AMUL)
5. How do you market milk?
6. Write about Operation Flood II Programme.
7. How do you estimate the cost of production of milk?
8. How do you maintain a successful dairy farm?

SECTION- B (ESSAY QUESTIONS)

Answer all the questions. All questions carry equal marks

5X10= 50 Marks

1. Write about the principles involved in successful Dairying.
Or
Write about the various systems of Dairy farming including Mixed farming and specialized Dairy farming.
2. What are various methods of procuring milk? Write about the milk procuring methods.
Or

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How do you do pricing for milk? What are the various methods of marketing of milk?

3. Write about structure of Dairy Cooperatives. Write the advantages of Cooperative Dairy farming.

Or

Write about the rise and fall of Cooperative Dairy farming in Chittoor District.

4. What are the various Dairy development programmes implemented in India?

Or

Write about various Operation Flood programmes implemented in India and also the outcome of the programmes.

5. How do you calculate the income and expenditure in a Dairy farm?

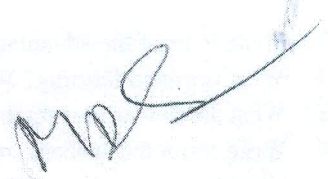
Or

How do you calculate the cost of production in a Dairy farm?

INTERNAL EXAMINATION

-25 Marks

20 Marks for theory test and 5 Marks for Viva Voss



SRI VENKATESWARA UNIVERSITY

THREE YEAR DEGREE EXAMINATION

II B.Sc.- DAIRY SCIENCE, PAPER IV SEMESTER IV

PRACTICAL MODEL EXAMINATION PAPER

PAPER-IV DAIRY CATTLE NUTRITION

TIME: 3 HOURS

MAXIMUM MARKS-50

I. Answer all questions. Each question carry 10 Marks 3X10=30 Marks

1. What are the various types of records followed in a Dairy farm? Write about them
2. Prepare a project report for a cross bred Cattle farm to be established by you with 100 animals.
3. Calculate the cost of production for a Dairy unit with 50 Cattle.

II. In-Farm Training Report(Submission Compulsory) 10 Marks

III. Record(Submission Compulsory) 5 Marks

IV. Viva Voss 5 Marks

