

MAHARSHI DAYANAND UNIVERSITY, AJMER, RAJASTHAN

**SYLLABUS OF B.A. III AND IV SEMESTER
SUBJECT- LIVE STOCK AND DAIRYING
SKILL ENHANCEMENT COURSE (SEC)**

(Attempt any one paper in each semester)

Paper –IST:livestock products by products and their uses

SEMESTER-III & IV

Credit hrs. 2(1+1)

Scheme: One paper

Min pass marks 35

Duration

Max marks

Min pass marks

Paper-I

3 hrs

70 Marks

35

Practical

4 Hrs

30 Marks

15

NOTE: In meeting of B.O.S /Syllabus committee it was decided to allot 50 marks for theory and 50 marks for practical (30 external + 20 internal) examination of each class.

1- Meat slaughter houses: methods of slaughtering meat hygienestorage, preservation and making various products.

2- Skin- method of skinning, types of skin ,its preservation, tanning,dyeing uses, various products of skin.

3- Dairy economics its definition meaning and scope importanceof the study of dairy economics in relations of India andRajasthan.

4- Consumption of dairy products demand and supply of milkproducts in India and Rajasthan.Determinations of price prize and income elasticity's of demand cross elasticity.

5- Gober gas construction and types of plant, production utilization of gas.

PRACTICALS

4 Hrs duration 30 marks

1- Study of slaughtered cares of an animal determination ofproportions of edible and non-parts bones and flesh dressedpercentage.

2- Preservation of skin.

3- Determination of overall and wet average yields of animals.

4- Working out the requirements for starring a dairy with different number of animals.

5-Visit to dairy farms lead banks and their financing institutions.

Paper –IInd: DAIRY ECONOMICS - I

SEMESTER-IV

Credit hrs. 2(1+1)

Scheme: One paper

Min pass marks 35

Duration

Max marks

Min pass marks

Paper-I

3 hrs

70 Marks

35

Practical

4 Hrs

30 Marks

15

NOTE: In meeting of B.O.S /Syllabus committee it was decided to allot 50 marks for theory and 50 marks for practical (30 external + 20 internal) examination of each class.

- 1- Horns, hoofs, bones, infective-processing and uses.
- 2- Wool shearing, grading processing and uses.
- 3- Production of dairy products principal of production as applied to milk and milk products cost of production law of diminishing returns least cost combinations opportunity cost principal enterprise combination comparative advantages.
- 4- Profit/efficiency measures on a dairy farm income net income return to factor of production as labour income return to capital return to capital return to management etc., efficiency measures for labour capital livestock production index economics of dairy farms vis a vis mixed farms basic ideas of personnel management.
- 5- Milk by products skin milk ghee butter milk and their uses manufacture of casein.

PRACTICALS

4 Hrs. duration 30 marks

- 1- Shearing of sheep grading of wool.
- 2- Preparation of decorative items from home and hoofs.
- 3- Working out the cost of milk production under different Conditions of management and production.
- 4- Preparation of credit proposal for starting dairy farm with different numbers of animals.
- 5-Visit to dairy farms, lead banks and their financing institutions.

PAPER-IIIrd - Animal Products

Credit hrs. 2(1+1)

- 1- Animal wastes gober blood urine their collection storage processing and utilizations composts and manures.
- 2- Gober gas construction and types of plant, production utilization of gas.
- 3- Marketing of dairy products the nature and problems of marketing in dairy products and how they differ from farm products marketing function market and cattle fair marketing costs & margins.
- 4- Dairy cooperatives history development organization set up dairy cooperatives in India and abroad role and types problems and suggestions for improvement.

PRACTICALS

4 Hrs duration 30 marks

- 1- Shearing of sheep, grading of wool.
- 2- Preparation of decorative items from home and hoofs.
- 3- Working out the cost of milk production under different conditions of management and production.
- 4- Preparation of credit proposal for starting dairy farm with different numbers of animals.
- 5- Visit to dairy farms, lead banks and their financing institutions