

Practicals (XII)

1. Methods of livestock identification
2. Demonstration of disbudding in livestock
3. Determination of weight and age of cattle
4. Demonstration of grooming, washing and clipping of livestock
5. Study of different milking methods
6. Study on different methods of restraining and casting of animals
7. Study of various farm records maintained on organized dairy farm
8. Study of housing systems for dairy animals
9. Study of housing systems for sheep and goats
10. Study of poultry housing and equipments required for poultry farming
11. Health control measures viz., vaccination, spraying and deworming
12. Identification of sick and healthy animal
13. Recording of body temperature, pulse rate and respiration rate
14. Grading of eggs
15. Study of physico-chemical properties of milk
16. Preparation of various fermented indigenous milk products
17. Preparation of various heat desiccated milk products
18. Preparation of meat and egg products
19. Visit to co-operative milk society, Govt. milk schemes and dairy plant.
20. Visit to meat factory and slaughter house



Project Work (XII)

1. Visit dairy and record different routine management practices followed on dairy farms in your locality.
2. Visit and study cattle/buffalo/goat housing systems used in your area.
3. Visit, observe and practice scientific milking method.
4. Vaccination of deshi birds against Ranikhet disease.
5. Visit and study functioning of co-operative milk sangh/Government milk scheme.
6. Visit broiler farm, layer farm and environmental control poultry house farm
7. Visit to Baby food factory and bakeries
8. Visit to slaughter houses and meat processing plants.

Teacher can allot any one of the above project work.



Specimen question paper (Practical)

Time : 3 hours

Marks : 30

Q. 1 Spotting/identification (06)

- A. Identify
- B. Sub question

Note: Total 6 specimens should be kept, each carrying 1 mark (1/2 mark for identification and ½ mark for sub question)

Q. 2 Solve any two of the following (each 3marks) (06)

- A) Draw a neat diagram/sketch and label it correctly
e.g. Sketch of dairy cattle/Goat/Poultry house
- B) Problem/Calculation from practical syllabus
e.g. Grading of eggs, weighing of cattle
- C) Theoretical question from practical syllabus
e.g. Method of disbudding /castration

Q.3 Practical exercise (any one) (06)

- a) Grooming and spraying of dairy animals
- b) Milking by different methods
- c) Determination of Specific gravity/Fat/SNF/Total solids
- d) Recording of body temperature/ respiration of given animal
- e) Determination of percent acidity in milk
- f) Preparation of indigenous milk products
- g) Preparation of meat/egg products

Q.4. A. Viva – voce (02)

B. Record book (Journal) (04)

Q.5 Project work (any one project from the list given in syllabus) (06)



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