

Practicals (XI)

1. Study of external body parts of livestock and poultry.
2. Demonstration of morphological features of various breeds of cattle.
3. Demonstration of morphological features of various breeds of buffalo.
4. Demonstration of morphological features of various breeds of sheep and goat.
5. Demonstration of morphological features of various breeds of poultry.
6. Identification of commonly used feeds and fodder crops.
7. Study of unconventional feed and fodder resources.
8. Study of azolla fodder Production
9. Demonstration of chaffing of fodder and hay making
10. Different methods of silage making
11. Study of hydroponic fodder production system
12. Study of various body systems of ruminants.
13. Study of various body systems of poultry and structure of egg.
14. Study of different breeding systems adopted in cattle improvement programme.
15. Signs and symptoms for heat detection in livestock.
16. Study of methods of pregnancy diagnosis in livestock.
17. Signs and stages of parturition.
18. Study of equipments required for collection of semen.
19. Visit to local veterinary dispensary to demonstrate A.I. technique.

Project Work (XI)

1. Collect the information and photographs of cattle breeds from your locality.
2. Collect the information and photographs of buffalo breeds from your locality.
3. Collect the information and photographs of sheep breeds from your locality.
4. Collect the information and photograph of goat breeds from your locality.
5. Collect the information of and photographs of poultry breeds from your locality.
6. Collect the specimens of common fodder crops cultivated in your area.
7. Collect the samples of different feeds/concentrates fed to livestock in your locality
8. Visit the different livestock improvement projects and record their objectives and breeding programme.
9. Visit and collect the information on modern dairy farm.
10. Visit to feed manufacturing company and record different types of feed manufactured.

Note : Teachers can allot any one above project work.

Specimen question paper (Practical)

30 Marks

Q. 1 Identification

6 Marks

- A. Identify
- B. Sub question

Note : Total 6 specimens should be kept, each carrying 1 Marks ($\frac{1}{2}$ mark for identification and $\frac{1}{2}$ mark for sub question)

Q. 2 Solve any two of the followings (Each 3 marks).

6 Marks

- A. Draw a neat Diagram/sketch and label it correctly.
e.g. Draw a neat sketch of cow and buffalo and label the body parts.
- B. Calculation from practical syllabus.
e.g. Calculate feed and fodder requirements of lactating crossbred cow weighing 500 kg as per thumb rule.
- C. Theoretical question from practical syllabus.
e.g. What is the importance of pregnancy diagnosis ? What are the external signs of pregnancy in the farm animals.

Q. 3 Practical exercise (any one)

6 Marks

- 1. Hay making
- 2. Silage making
- 3. Chaffing of fodder
- 4. Azolla production
- 5. Urea molasses treatment

Q.4 A. Vivavoce

2 Marks

b. Journal

4 Marks

Q.5 Project or visit report

6 Marks

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