

ZOOLOGY SYLLABUS FOR V SEMESTER

ZOOLOGY - PAPER - VI

ANIMAL HUSBANDRY

Periods:60

Max. Marks: 100

**UNIT - I**

**10 Hours**

General introduction to poultry farming. Principles of poultry housing. Poultry houses. Systems of poultry farming. Management of chicks, growers and layers. Management of Broilers.

**UNIT - II:**

**10 Hours**

Poultry feed management – Principles of feeding. Nutrient requirements for different stages of layers and broilers. Methods of feeding. Poultry diseases – viral, bacterial, fungal and parasitic (two each); symptoms, control and management.

**UNIT - III:**

**10 Hours**

Selection, care and handling of hatching eggs. Egg testing. Methods of hatching. Brooding and rearing. Sexing of chicks.

**UNIT- IV:**

**20 Hours**

Breeds of Dairy Cattle and Buffaloes – Definition of breed; Classification of Indian Cattle breeds, exotic breeds and Indian buffalo breeds. Systems of inbreeding and crossbreeding. Housing of dairy animals – Selection of site for dairy farm; systems of housing – loose, housing system. Conventional dairy barn. Cleaning and sanitation of dairy farm. Weaning of calf. Castration and dehorning. Deworming and Vaccination programme. Records to be maintained in a dairy farm.

**UNIT - V:**

**10 Hours**

Care and management of dairy animals - Care and management of calf, heifer, milk animal, dry and pregnant animal, bulls and bullocks.

**ZOOLOGY PRACTICAL SYLLABUS FOR V SEMESTER**

**ZOOLOGY - PRACTICAL - VI**

**ANIMAL HUSBANDRY**

**Periods: 24**

**Max. Marks: 50**

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1. Study of various breeds of layers and broilers (photographs)
2. Identification of disease causing organisms in poultry birds (as per theory)
3. Study of the anatomy of a poultry bird by way of dissecting a bird. (Demonstration)
4. Study of various activities in a poultry farm (layers and broilers) and submission of a
5. Study of various breeds of cattle (photographs/microfilms)
6. Study of various activities carried out in a dairy farm and submission of a report.

ELECTIVE - ZOOLOGY PAPER-V

ANIMAL HUSBANDRY

Time: 3 hrs

Max Marks:75

I. Answer any **FIVE** of the following:  
Draw labeled diagrams wherever necessary

5x5=25 marks

1. Poultry farming
2. Broilers
3. Poultry feed management
4. Methods of Hatching
5. Cross breeding
6. Cleaning and Sanitation of Dairy Farm
7. Vaccination Programme
8. Care and Management in Milk animal

II. Answer any **FIVE** of the following  
Draw labeled diagrams wherever necessary

5x10=50 marks

9. Describe the Principles of Poultry  
OR

Describe different methods of management of Chiks, Growers and Layers

10. Describe nutrient requirements for Layers and Broilers  
OR

Enumerate various Poultry diseases, symptoms, control and managements.

11. Describe the construction of Hatchery  
OR

Describe the methods of Hatching in Hatchery.

12. Describe the classification of Indian Cattle  
OR

Describe housing of Dairy animals

13. Describe Care taken in Dairy Animals  
OR

Describe the various managements of Dairy animals

*Signature*  
*Chair person*

ZOOLOGY PRACTICAL SYLLABUS FOR V SEMESTER  
ELECTIVE-ZOOLOGY PRACTICAL-VI  
ANIMAL HUSBANDARY

Time: 2 hrs

Max Marks:50

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1. Draw a neat labeled diagram of Digestive system peigion/ Fowl 10 marks
  2. Poultry/Cattle 4 spotters 4x5=20 marks  
Photographs of any three Birds/Cattle
  3. Submission of a report regarding various activities in a poultry form 10 marks
  4. Certified Record 10 marks

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50 marks  
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Shimane (Chairperson)

Shimane