

SIR C.R.REDDY AUTONOMOUS COLLEGE, ELURU

**(Affiliated to Adikavi Nannaya University, Rajamahendravaram)
III B.Sc. - V SEMESTER syllabus (under CBCS pattern)**

SUBJECT: ZOOLOGY

PAPER-VI- ANIMAL HUSBANDARY

PART-A

UNIT-I

10hours

General introduction to poultry farming, Principles of poultry housing, Poultry houses. Systems of poultry farming,

Management of chicks, growers and layers, Management of broilers

Additional input:

Site selection and transport management

UNIT-II

10hours

Poultry feed management-principles of feeding. Nutrient requirements for different stages of layers and broilers. Methods of feeding. Poultry diseases-viral, bacterial, fungal parasitic (2 each); symptoms, control and management, corona virus,

Additional input:

Nutritive deficiency diseases in poultry farm.

UNIT-III

10hours

Selection, care and handling hatching eggs. Egg testing, Methods of hatching. Brooding and rearing. Sexing of chicks. Different factors influencing the incubation period obscene of poultry

PART-B

UNIT-IV

10hours

Breeds of dairy cattle and buffaloes- definition of breed; classification of Indian cattle breeds, exotic breeds and Indian buffalo breeds. Systems of inbreeding and cross breeding, feed management in dairy farm.

UNIT-V

10hours

Housing of dairy animals-selection of site for dairy farm; systems of housing-loose, housing systems. Conventional dairy barn. Cleaning and sanitization of dairy farm. Weaning of calf. Castration and dehorning. Deworming and vaccination program. Records to be maintained in dairy farm.

UNIT-VI

10hours

Care and management of dairy animals-care and management of calf, heifer, milk animal, dry and pregnant animal, bulls and bullocks. Fungal, bacterial and viral diseases and controlling methods.

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III B.Sc. – V SEMSTER MODEL PAPER (CBCS) 2017-2018
SUBJECT: ZOOLOGY
PAPER- VI: ANIMAL HUSBANDARY

Time: 3hours

Max Marks: 75

SECTION- A

- This section consists of two parts
- Candidates have to answer four questions choosing at least one question from each part.
- Each question carries 10 marks.

PART-A

4x10=40M

1. Write about poultry farm management
2. Explain the feeding system in the poultry
3. Describe the bacterial diseases in poultry and mention symptoms, preventive measures and control measures
4. Write an essay on selection, care, handling and hatching

PART-B

5. Define animal breeding? Explain different methods of animal breeding
6. Explain the site selection and construction of dairy farm
7. Explain the measure for cleaning and sanitation of dairy farm
8. Describe the care and management of calf

SECTION-B

Answer any FIVE of the following

5x5=25M

9. Grower management
10. Ghumboro disease
11. Brooding
12. Leg horn
13. Cross breeding
14. Loose housing system
15. Deworming
16. Heifer care

SECTION-C

Answer any FIVE of the following

5x2=10M

1. Hatchery
2. Layers
3. Debeaking
4. Coryza
5. Vaccination
6. Culling
7. Line breeding
8. Weaning