

## **Paper – III: Introductory Animal Management**

### **Semester I**

**Name of course: Introductory Animal Management-I**

**Course No. AHD 131; Cr Hrs 4(2+2)**

#### **Theory**

1. General management of domestic animals
2. Economic importance of animals and their products.
3. Identification of various body parts of domestic animals and poultry.
4. Information of various breeds habitat, characteristics features of Cattle, Buffalo, Sheep, Goat, Camel, Pig, and Poultry of Rajasthan state, information of exotic breeds.
5. Animal management- general information like handling of animal and their control, use of nose ring and bull holder etc.
6. Ageing of Cattle, Buffalo, Sheep, Goat, Camel and-Horse.
7. Weighing methods of animals.
8. Methods of identification of domestic animals by branding, tattooing, ear-tagging and ear-notching etc.
9. Normal temperature, pulse and respiration of animals.
10. Vaccination schedule for domestic animals and poultry.

#### **Practical**

Practical introductory study of following using charts, models and basic laboratory facilities and farm practices.

1. Handling and restraining of animals by taking around animal house and veterinary hospitals.
  2. Weighing and identification of animals
  3. Castration of male calf and dehorning of calf.
4. Detection of normal body temperature, respiration and pulse. Familiarization of various body parts of domestic animals.

### **Semester II**

**Name of Course: Introductory Animal Management-II**

**Course No AHD; Cr Hrs 4(2+2)**

#### **Theory**

1. Different type of housing of domestic animals viz. Cow, Sheep, Goat, Horse, Camel and Poultry. Lacunae of animal house in village and their remedies.
2. Care and management of cow- during and after parturition, parturition at separate, sanitize chamber, prevention from milk fever, sign and symptoms of parturition, shedding of placenta and post-parturient care.
3. Care and management of dry cow- reason for drying of cow (non- milking), various methods of drying, management of pregnant cow.
4. Care and management of calf before and after birth, their identification, castration, dehorning and prevention from disease.
5. Care and management of dairy bull, training, housing, exercise for breeding etc.
6. Production of milk- purpose, method, pathogenic agent and prevention thereof

7. Hygiene care and sanitation of animal houses, dispose of animal excreta and other wastes, disposal methods of solid and liquid manure and recycling of manure and its use.
8. General management of broiler and layer

**Practical**

Practical introductory study of following using charts, models and basic laboratory facilities:

1. Ideal animal house- visit and study thereof.
2. To visit poultry farm and study thereof
3. Methods of disinfection of animal house and milking utensils.
4. Care and management of calf, pregnant cow, lactating cow.  
Methods of milking of animals