

ANDHRA UNIVERSITY
B.Vocational course
Dairying & Animal husbandary - Honours
1 Year – Semester I
2023-24 Admitted batch
BASICS OF ANIMAL SCIENCES
(Credits 4+0=4)
Model paper

Time: 3 hrs

Maximum: 75marks

SECTION – A

Answer any **FIVE** questions. Each question carries equal marks.

(5*5 =25)

1. What are the principles of food hygiene?
2. Classify poultry breeds based on their place of origin.
3. What are the methods for improvement of livestock?
4. What are the nutrients present in different proximate principles of feeds?
5. What are the ways to increase fodder production?
6. What are the sources of contamination of food?
7. What do you understand by Livestock production?
8. Write about Importance of water in the Animal Body

SECTION – B

Answer **all** questions. Each question carries **TEN** marks (5*10 =50)

1. What is the Role of livestock in Indian economy?

(OR)

What are the problems and prospects of livestock industry in India?

2. What are the reasons for commercialisation of poultry?

(OR)

Write the general characteristics of poultry breeds based on their place of origin.

3. Write the characteristics of indigenous breeds of poultry.

(OR)

Explain the classification of nutrients in detail.

4. What are the grassland improvement and management techniques.

(OR)

What are the various grazing methods.

5. Define one health and write about different components of one health.

(OR)

What is the role of a veterinarian in promotion of public health?

ANDHRA UNIVERSITY
B.Vocational course
Dairying & Animal husbandry (Honours)
I Year – Semester II
2023-24 Admitted batch
Pet and zoo animal management
(Credits 2+0=2)
Model paper

Time: 1 ½ hrs

Maximum: 50marks

SECTION – A

Answer any Four questions. Each question carries five marks. (4*5 =20)

1. What are the various dog breeds used for guarding purpose. Explain their characteristic.
2. Explain the conservative practices of wild life in India
3. Explain the principles of feeding of pet dogs.
4. What is dog show. Explain the guidelines and procedure for conducting dog show.
5. Describe the management of a sanctuary.
6. Name the important cat breed and describe their characteristics.
7. Name some zoo animals and explain the basic principles of their habitat.

SECTION – B

Answer any three Questions. Each question carries ten marks (3*10 =30)

1. List out the Dog breeds used for patrolling purpose. Explain their characteristics.
2. Explain in detail the feeding habits of captive animals.
3. Classify zoological parks. Name the zoological parks in India.
4. Name different toy breeds and describe their characteristics.
5. What are the various methods of restraining of captive animals.

ANDHRA UNIVERSITY
B.Vocational course
Dairying & Animal husbandary - Honours
I Year – Semester II
2023-24 Admitted batch
VETERINARY ANATOMY
(Credits 4+0=4)
Model paper

Time: 3 hrs

Maximum: 75marks

SECTION – A

Answer any **FIVE** questions. Each question carries equal marks.(5*5 =25)

1. Write about salivary glands of cow. What are the functions of saliva.
2. What is pelvic cavity? Explain in detail.
3. Explain the location of various organs in thoracic cavity.
4. List out the cranial nerves, blood vessels and lymph nodes of head and neck region
5. Draw the diagram of digestive system of dog, label the parts and explain in brief the different parts.
6. Write in detail about respiratory system of poultry.
7. Write in detail about mammary gland in cow.
8. Write in detail about various parts of bovine skull.

SECTION – B

Answer All the questions. Each question carries TEN marks (5*10 =50)

1. A) write the borders of abdominal cavity and what are the various organs located in the abdominal cavity.

(or)

B) Explain the structure of Femur and Humerus with the help of diagrams.

2. A) Explain the bones of hind limb in dog.

(or)

B) explain in detail about respiratory system of cow.

3. A) Describe the digestive system of poultry.

(or)

B) Describe the stifle joint of ox.

4. A) write in detail about sense organs.

(or)

B) What is brachial plexus. Explain in detail.

5. A) Draw the diagram of female reproductive system of ox and label the different components.

(or)

B) Explain the structure of heart with the help of a well labelled diagram.

ANDHRA UNIVERSITY
B.Vocational course
Dairying & Animal husbandary - Honours
I Year – Semester II
2023-24 Admitted batch
VETERINARY PHYSIOLOGY
(Credits 4+0=4)
Model paper

Time: 3hrs

Maximum: 75 marks

SECTION – A

Answer any **FIVE** questions. Each question carries equal marks.(5*5 =25)

1. Write in detail about erythropoiesis and fate of RBC
2. Functions of saliva in ruminant and monogastric animals
3. Write in detail about structure of nephron and various factors affecting glomerular filtration rate.
4. Explain oesophageal groove.
5. What is estrus cycle? Briefly explain estrus behaviour.
6. Explain briefly about milking reflex in a cow.

SECTION – B

Answer All the questions. Each question carries **TEN** marks(5*10 =50)

1. A) Explain esophageal groove reflex (or)
B) Describe in detail the hormones secreted by Hypothalamus
2. A) Explain the transport of blood gases
(or)
B) Define hemorrhage. Explain in detail about mechanism of blood coagulation
3. (A)What are the functions of kidney? Draw the structure of nephron&explain.
(or)
B) write in detail about thermoregulation in scrotum.
4. A) write in detail about spermatogenesis.
(or)
B) Write down the endocrine activity of GIT.
5. A) What are the functions of bile
(or)
B) Explain in detail about lactogenesis in cow.

ANDHRA UNIVERSITY
B.Vocational course
Dairying & Animal husbandary - Honours
I Year – Semester II
2023-24 Admitted batch
LIVESTOCK PRODUCTION AND MANAGEMENT
(Credits 3+1=4)
Model paper

Time: 3hrs

Maximum: 75 marks

SECTION – A

Answer any **FIVE** questions. Each question carries equal marks.(5*5 =25)

1. Describe the care and management of dry animals
2. What are the precautions to be followed while milking.
3. Explain the disinfection procedure of dairy farm and what are the various disinfectants used.
4. What are the common vices of animals. Explain any five vices in detail
5. Explain about feeding of calves.
6. What are the common vices of animals and how to prevent them.
7. What is quarantine? Explain in detail.
8. Expand INAPH and explain in detail.

SECTION – B

Answer All the questions. Each question carries Ten marks(5*10 =50)

1. A) What do u mean understand by organic livestock production? Write the considerations for organic livestock production.

(or)

B) What is livestock show. Explain the procedure for conducting livestock show and judging of animals.

2. A) Describe the breeding schedule and management of ram and buck.

(or)

B) What are the various methods of drug administration in livestock.

3. A) What are the various methods of identification of livestock.

(or)

B) Describe the rules of transportation of livestock.

4. A) Write the various methods for disposal of carcass.

(or)

B) Write about different housing systems of cattle and buffalo.

5. A) Explain in detail the procedure for culling of animals.

(or)

B) Write in detail about selection of site for establishing a dairy farm