



## DIPLOMA IN ANIMAL HEALTH WORKER (AHW)

### 1<sup>st</sup> Semester

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
AWH101	Introduction of Animal Husbandry	40	60	100
AWH102	Livestock Management	40	60	100
AWH103	Animal Nutrition	40	60	100
<b>Total</b>		<b>120</b>	<b>180</b>	<b>300</b>

### 2<sup>nd</sup> Semester

PAPERS CODE	PAPERS NAME	INTERNAL	EXTERNAL	TOTAL
AWH201	General Anatomy & Physiology of Animals	40	60	100
AWH202	Artificial Insemination & Pregnancy Diagnosis	40	60	100
AWH203	Animal Health & Primary Treatment	40	60	100
<b>Total</b>		<b>120</b>	<b>180</b>	<b>300</b>

## **ANIMAL HEALTH WORKER (AHW) – PARIVET COURSE CURRICULUM**

### **SEMESTER I**

#### **Paper I**

##### **Introduction of Animal Husbandry**

1. Live Stock Condition in Rajasthan.
2. Basic Principles of Live stock.
3. Census of Live Stock in Rajasthan.
4. Live Stock Management.
5. Animal Husbandry Production.
6. Different Breeds of Animals
  - A. Breeds of Cow
  - B. Breeds of Buffalo
  - C. Breeds of Goats
  - D. Breeds of Sheep
  - E. Breeds of Camel
  - F. Breeds of Horse
  - G. Breeds of Swine

#### **Paper II**

##### **Livestock Management**

7. Identification of Animals
8. Restraining & Casting of Animals.
9. Ageing of Animals.
10. Dehorning & Debudding of Animals.
11. Castration of Animals.
12. Grooming Of Animals.
13. Shoeing of Animals.

14. Dipping & Spraying of Animals.
15. Weighting of Animals.
16. Animal Housing.
17. Normal pulse, Respiration Rate of Animal.
18. Body temperature of Different Animals.
19. Vaccination Schedule of Different Animals
20. Milking Method of Animals.

### **Paper III**

#### **Animal Nutrition**

1. Nutrient Elements & its works.
2. Classification of Animal feed.
3. Vitamins & Mineral.
4. Enzymes & Hormones.
5. Management of Animal feed.
6. Basic Principle of computation of Ration.
7. Feeding of Different Animals.
  1. Cow Feeding
  2. Buffalo Feeding.
  3. Sheep & Goat Feeding.
8. Production, Maintains & Pregnancy Ration.
9. Feed toxicity.
10. Different Ration required in heifer, Adult, Calf & Bull.
11. Poultry feeding.

### **SEMISTER II**

#### **Paper I**

#### **General Anatomy & Physiology of Animals**

1. Skeleton system of Animals.
2. Muscular system of Animals.

3. Cardio vascular & Nervous system of Animals.
4. Digestive system of Animals
5. Respiratory system of Animals.
6. Urinary system of Animals.
7. Genital system of Animals.
8. Integumentary system of Animals
9. Locomotory system of Animals.

## **Paper II**

### **Artificial Insemination & Pregnancy Diagnosis**

1. Anatomy & physiology of male & female genital organs.
2. Estrous Cycle.
3. Sign of Heat.
4. Advantages of Artificial Insemination.
5. Different steps of Artificial Insemination.
6. Frozen semen.
7. Semen Straw.
8. Different Instrument required for A.I.
9. Structure of Cry came.
10. Storage of Liquid Nitrogen.
11. Precaution during storage of LN<sub>2</sub>
12. Pregnancy diagnosis.
13. Pregnancy & Parturition.

## **Paper III**

### **Animal Health & Primary Treatment**

1. General Health of Animals.
2. Identify the ill Animals.
3. Deforming of Animals.
4. Echo & Endo Parasitism.

5. Different Route of Administration of Drugs.
6. Sign & Symptoms of Bacterial Diseases.
7. Sign & symptoms of viral Diseases.
8. Sign & Symptoms of Metabolic Diseases.
9. Sign & Symptoms of Contagious & Non Contagious Disease.
10. Primary treatment of Animals Abscess.
11. Care & management of Tumor & wound.
12. Care & management of fracture.
13. Care & management of Edema, Swelling.
14. Identification of Animals.
15. Dressing of Wound.
16. Care & Management of Snake Bite.
17. Care & Management of Dog Bite.
18. Care & Management of Maggot Wound.
19. General Information about Instruments