ANIMAL HEALTH WORKER (AHW) – PARAVET 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.
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
15. Weighting of Animals.
17. Normal pulse, Respiration Rate of Animal.
19. Vaccination Schedule of Different Animals

Paper III

Animal Nutrition
1. Nutrient Elements & its works.
2. Classification of Animal feed.
4. Enzymes & Hormones.
7. Feeding of Different Animals.
   1. Cow Feeding
   2. Buffalo Feeding.
   3. Sheep & Goat Feeding.
9. Feed toxicity.
10. Different Ration required in heifer, Adult, Calf & Bull.
11. Poultry feeding.
Paper I

General Anatomy & Physiology of Animals

1. Skeleton system of Animals.
2. Muscular system of Animals.
4. Digester system of Animals
5. Respiratory system of Animals.
6. Urinary system of Animals.
7. Genital system of Animals.
8. Integumentry system of Animals
9. Locomotors system of Animals.

Paper II

Artificial Insemination & Pregnancy Diagnosis

1. Anatomy & physiology of male & female genital organs.
2. Estrous Cycle.
5. Different steps of Artificial Insemination.
6. Frozen semen.
7. Semen Straw.
8. Different Instrument required for A.I.
10. Storage of Liquid Nitrogen.
11. Precaution during storage of LN2

Paper III

Animal Health & Primary Treatment

2. Identify the ill Animals.
3. Deforming of Animals.
4. Echo & Endo Parasitism.
5. Different Route of Administration of Drugs.
7. Sign & symptoms of viral Diseases.
8. Sign & Symptoms of Metabolic Diseases.
11. Care & management of Tumor & wound.
12. Care & management of fracture.
13. Care & management of Edema, Swelling.
15. Dressing of Wound.
16. Care & Management of Snake Bite.
17. Care & Management of Dog Bite.
18. Care & Management of Maggot Wound.