

MIZORAM PUBLIC SERVICE COMMISSION
MIZORAM CIVIL SERVICES (COMBINED COMPETITIVE)
MAIN EXAMINATION, 2023

ANIMAL HUSBANDRY & VETERINARY SCIENCE

PAPER-II

Time Allowed : 3 hours

FM : 100

Marks for each question is indicated against it.

Attempt any 5 (five) questions taking not more than 3 (three) questions from each Part.

PART - A

1. Write the histological differences between: **(4×5=20)**
 - (a) Rumen & Reticulum
 - (b) Oogenesis & Spermatogenesis
 - (c) Skeletal muscle & Cardiac muscle
 - (d) Embryo & Foetus
2. After injection of drug into the animal body, how drug is circulated and distributed throughout the body? **(20)**
3. Mention the etio-pathology, clinical symptoms, diagnosis, treatment, prevention and control of milk fever in dairy cow. **(20)**
4. What is the principle of immunization? What are the immunization methods for a commercial poultry farm? **(5+15=20)**

PART - B

5. Mention the etiology, pathogenesis, clinical findings, diagnosis and prevention and control of classical swine fever. **(20)**
6. Mention the various hygienic critical points mandatory for clean and safe milk production. **(20)**
7. Describe the visible symptoms of spoilage of meat. What are the main causes of spoilage in meat and what control measures can be adopted to prevent or minimize spoilage? **(5+5+10=20)**
8. How are the slaughterhouse by-products classified into different types or categories? Discuss the social and economic implications of efficient utilization of slaughterhouses by-products. **(8+12=20)**

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