

VETERINARY SCIENCES (OPTIONAL) PAPER-I

TIME ALLOWED: THREE HOURS **MAXIMUM MARKS: 100**

NOTE: (i) Attempt in ENGLISH Language.

(ii) Attempt any FIVE questions

- Q.1 Define "Zoonotic Diseases". Enlist zoonotic diseases caused by bacteria. Describe their epidemiology and control measures to minimize human exposure. 20
- Q.2 Describe the etiology, clinical findings, differential diagnosis, treatment and prevention of neonatal calf diarrhea complex. 20
- Q.3 Discuss the problem of avian influenza, its transmission and economic effects on poultry industry. 20
- Q.4 Write the importance of "Recombinant Biotechnology." Give its basic principles and molecular biology tools. Describe its use in the diagnosis and treatment of animal diseases. 20
- Q.5 Discuss the problem of anoestrous and its therapeutic measures in diary animals. 20
- Q.6 What are important disease threats to zoo animals. What measures you will adopt to prevent and treat these diseases in a Safari-Park situation. 20
- Q.7 You are asked to build and establish a model Veterinary Hospital in a remote area of Punjab. What strategies you will adopt in this regard. 20