

ANIMAL HUSBANDRY AND VETERINARY SCIENCE
(Paper II)

Time Allowed : Three Hours

Maximum Marks : 300

QUESTION PAPER SPECIFIC INSTRUCTIONS

(Please read each of the following instructions carefully before attempting questions)

There are EIGHT questions divided in two Sections.

Candidate has to attempt FIVE questions in all.

Question Nos. 1 and 5 are compulsory and out of the remaining, any THREE are to be attempted choosing at least ONE question from each Section.

All questions carry equal marks.

Wherever any assumptions are made for answering a question, they must be clearly indicated.

Word limit in questions, wherever specified, should be adhered to.

SECTION 'A'

1. Write short notes on any three of the following in about 200 words each:
 - (a) Zero disease concept
 - (b) Biochemical tests for renal dysfunction
 - (c) Care and management of Angora rabbits
 - (d) Adulteration of meat and its detection
2. Discuss the rules and regulations for improvement of animal quality and disease prevention.
3. Describe the modern concept of anaesthesia with reference to dissociative anaesthesia.
4. Explain the principles of chemotherapy in microbial and parasitic infections in domestic animals.

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each:
 - (a) Occupational zoonotic diseases
 - (b) Slaughter house by-products and their utilisation
 - (c) Nervous and chemical regulation of heart in animals
 - (d) S.P.C.A. [?]
6. Discuss the problems and constraints in transfer of technology for rural development in animal husbandry sector.
7. Name five important contagious diseases of cattle. Describe the diagnostic procedures and control measures to be adopted for control of disease outbreak in rural areas.
8. Describe the pathogenesis, diagnosis and control of important deficiency diseases in poultry.