

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.

The number of marks carried by a question/part is indicated against it.

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: **20×3=60**
- (a) Canning of meat products
 - (b) Grading of wool
 - (c) Chemotherapy in neoplastic diseases
 - (d) Types of placentation in domestic animals
2. Discuss the following: **30×2=60**
- (a) Rules and regulations for prevention of cruelty to animals.
 - (b) Epidemiological tools to study control of infectious diseases.
3. Classify the zoonotic diseases and describe various factors responsible for their prevalence and transmission. **60**
4. Discuss various biochemical, bio-technological and immunological tests and their significance in the diagnosis of animal diseases. **60**

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each: **20×3=60**
- (a) Cell division
 - (b) Respiratory and renal regulation of acid base balance
 - (c) Antimicrobial agents
 - (d) CD4 cells
6. Given an account of: **30×2=60**
- (a) Diagnosis and treatment of Bloat in cattle
 - (b) Grading of pig carcasses
7. Discuss modern methods of preservation and packaging of meat and meat products. **60**

- 8.** Describe the symptoms, post-mortem lesions and diagnosis of Brucellosis in cattle. Discuss its economic importance in milk production.

60