

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) Gametogenesis
 - (b) Chemotherapy of neoplastic diseases
 - (c) Rumenotomy in bovines
 - (d) Veterolegal cases
2. (a) Give an account of the structure and function of kidneys. **30**
(b) Explain the structure & function of sweat glands. **30**
3. Discuss functional disorders of endocrine glands, their symptoms and diagnosis. **60**
4. Describe the etiology, epidemiology, pathogenesis, symptoms, diagnosis, prevention and control of bird flu. Elucidate its zoonotic and economic significance. **60**

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each: **20×3=60**
- (a) Sterilized milk
 - (b) Rabbit wool production
 - (c) Meat preservation
 - (d) Mastitis
6. (a) Write an account on various cultured milks **30**
(b) Explain the preparation of different cultured milks. **30**
7. (a) Explain the channels for marketing of poultry meat, eggs and their products. **30**
(b) Suggest how they can be improved. **30**
8. "Research without extension is a hobby while extension without research is a folly." Discuss. **60**