

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) Coordination of blood circulation, respiration and excretion for healthy life
 - (b) Hormonal therapy
 - (c) Vaccination programme against animal diseases
 - (d) Regulations for animal health and wealth
2. Discuss modern concept of diagnosis, treatment and prevention of production diseases of poultry. **60**
3. Mention air, water and soil pollutants. Describe diagnosis, effect and solution of pollution for animal health. **60**
4. Describe the role of epidemiology for investigation and control of animal diseases under Indian conditions. **60**

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each: **20×3=60**
- (a) Organization of rural milk procurement
 - (b) Utilization of slaughter-house by-products
 - (c) Meat adulteration and its detection
 - (d) Latest methods of extension education
6. Narrate the plan for supply of hygienic and nutritive milk products from rural, to urban areas. **60**
7. Describe duties and functions of veterinarian of slaughter house for production of standard meat. **60**
8. Discuss the role of extension workers for implementation of rural herd health programmes to improve farmers economy. **60**