

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) Production diseases of cattle
 - (b) Laws relating to animals
 - (c) Epidemiological study of diseases
 - (d) Coordination of four important organs for healthy life
2. Describe latest diagnostic techniques and control measures of infectious diseases of cattle, suitable to Indian condition. **60**
3. Discuss the modes of spread of zoonotic diseases through vectors, animals, birds and human beings. **60**
4. Justify in detail "Role of hormones are very essential for harmony in body". Keeping in view the present days stress of increased production on animals. **60**

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each: **20×3=60**
- (a) Disease free milk products
 - (b) Composition and nutritive value of eggs
 - (c) Physical and chemical characteristics of meat
 - (d) Problems in animal husbandry development
6. Narrate the plan for supply of hygienic and nutritive milk from rural sector to major cities in India. **60**
7. Discuss the role of manager of slaughter house for wholesome meat production and utilization of byproducts. **60**
8. Describe the latest methods of effective communication and education for rural development, in relation to animal health and production programmes. **60**