

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) Cyclozoonoses
 - (b) Epidural anaesthesia
 - (c) Biochemical tests for hepatic dysfunction
 - (d) Chemoprophylaxis
2. What is meant by 'Organoleptic Qualities' of meat? Discuss the various methods that can be adopted for the 'quality' improvement of meat.
3. Explain in detail the mechanism of the 'buffer-system' in blood.
4. Prepare a protocol for the establishment of an Animal [?] Health Centre in your state. What are the informations that are required for the same and how will you gather them?

SECTION 'B'

5. Write short notes on any three of the following in about 200 words each:
 - (a) Plasma proteins
 - (b) Cell mediated immune response
 - (c) Placenta
 - (d) Regulatory system in Meat Trade and Industry
6. Elaborate the various critical control point in the production, transport, processing, storage and marketing [?] of fluid milk. Mention the steps you will recommend for monitoring them.
7. Name the important parasitic diseases of poultry. Discuss the measures to be adopted for prevention and control of disease outbreak in an organised poultry farm.
8. What is 'Herd Immunity'? Explain the procedures to be followed in developing a diseases-free herd.