

No 001914

B-JGT-K-BIB

**ANIMAL HUSBANDRY AND
VETERINARY SCIENCE**

Paper II

Time Allowed : Three Hours

Maximum Marks : 200

INSTRUCTIONS

Candidates should attempt questions 1 and 5 which are compulsory, and any THREE of the remaining questions, selecting at least ONE question from each Section.

All questions carry equal marks.

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

Answers must be written in ENGLISH only.

Suitable diagrams may be drawn, wherever required.

SECTION A

1. Write short notes on any *four* of the following in about 150 words each : 10×4=40
- (a) Sanitizing agents in animal food industry
 - (b) Plasma expanders
 - (c) S.P.C.A.
 - (d) Autonomic drug receptors
 - (e) Hernia

2. (a) Discuss diagnosis, symptoms, control of Avian influenza and its economic impact in India. 30
- (b) Write short notes on Bloat. 10
3. (a) Discuss major constraints in transfer of technology in rural India for livestock production. 20
- (b) Describe the etiology, pathogenesis, symptoms, diagnosis and control of milk fever in dairy animals. 20
4. (a) Describe the processing procedure and packaging of whole and skimmed milk. 20
- (b) Discuss the etiology, pathophysiology and treatment of dehydration in cattle. 20

SECTION B

5. Write short notes on any *four* of the following in about 150 words each : 10×4=40
- (a) Castration
 - (b) Pathophysiology of shock
 - (c) Acid-base balance
 - (d) Teratology
 - (e) Organisation of rural milk procurement
6. (a) Discuss epidemiological measures in the study of disease and disease control. 30
- (b) Write short notes on meat inspection procedures. 10
7. (a) Discuss the effects of global warming on animal health and performance. 30
- (b) Write short notes on Rumenotomy. 10
8. (a) Discuss chemotherapeutics in management of neoplasm in animals. 20
- (b) Discuss the utilisation of slaughter house by-products for pharmaceuticals use. 20

