

1.F.S-2009

Sl. No.1585

B-JGT-J-BIB

**ANIMAL HUSBANDRY AND
VETERINARY SCIENCE**

Paper—II

Time Allowed : Three Hours

Maximum Marks : 200

INSTRUCTIONS

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

The number of marks carried by each question is indicated at the end of the question.

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) Gametogenesis
 - (b) Rumenotomy
 - (c) Hormonal receptors
 - (d) 'Zero disease' concept
 - (e) Occupational zoonoses

2. Classify stains used in biological work while elucidating the underlying principles of staining tissues with suitable examples. 40
3. (a) Explain the pathogenesis, symptoms, postmortem lesions, diagnosis and control of anthrax in cattle. 20
- (b) Describe the pathogenesis, symptoms, postmortem lesions, diagnosis and control of sheep pox. 20
4. Write an account on the materials and methods of collection of samples for veterolegal investigation. 40

Section—B

5. Write short notes on any *four* of the following in about 150 words each : 10×4=40
 - (a) Abattoir requirements and designs
 - (b) Microbial spoilage of market eggs
 - (c) Grading of wool
 - (d) Agmark specifications
 - (e) Cultured milks
6. (a) Explain the preparation of various indigenous milk products. 20
- (b) Discuss the importance of indigenous vis-à-vis other dairy products in the present global context. 20

7. (a) Write an account on adulteration of meat and its detection. 20
- (b) Discuss the regulatory provisions in meat trade and industry keeping the domestic consumption and exports in view. 20
8. (a) Write an account on the Animal Husbandry Programmes for Rural Development in India. 20
- (b) Describe sanitation requirements for production of clean and safe milk, and for the milk-plant equipment. 20

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