Animal Husbandry and Veterinary Science
Paper-II

Time Allowed: Three Hours
Maximum Marks: 300

Note: 1. The figures in the margin indicate full marks for the questions.

2. Candidate should answer questions No. 1 and 5 which are compulsory and any three of the remaining questions, selecting at least one from each section.

SECTION – A

1. Write short notes on any five of the following in not more than 120 words each:
   12×5=60
   (a) Housing requirements for cattle.
   (b) Slaughter techniques for poultry.
   (c) Disease free zones.
   (d) Ante-mortem examination of animals for meat production.
   (e) Diagnosis of acidosis in ruminants.
   (f) Care and management of broiler rabbit.

2. (a) Describe anaesthetic emergencies and their management.
    30
   (b) Classification of fractures in animals, clinical signs and technique of surgical repair.
    30

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3. (a) Write down in detail the histological structure of ovaries in cattle.  
(b) What do you mean by epidural anaesthesia in cattle? Describe its techniques.  
(c) Explain in detail the pasteurization of milk.  

4. (a) Explain physiology of formation of urine in animals.  
(b) Describe in detail the grading of wool.  

SECTION – B

5. Write short notes on any three of the following in not more than 120 words each:  
(a) Lactation tetany in mares.  
(b) Line of treatment of gastro-enteritis in dogs.  
(c) Clinical signs of parturient paresis in dairy cattle.  
(d) Post mortem findings of Anthrax in cattle.  
(e) Control of infectious diseases in animals.  

6. (a) Explain development of antibiotic resistance.  
(b) Define preanaesthetic agents give example along with their uses.  

7. (a) Emerging zoonotic diseases and their prevention.  
(b) Describe in detail the constraints in transfer of improved practices of animal husbandry.  
(c) Describe different type of placentation in animals.  

8. (a) Describe Etiology, clinical signs, diagnosis, treatment, prevention and control of Haemorrhagic septicaemia in buffaloes.  
(b) Describe Vetro-legal aspect of death in animals.