

IAS Mains Animal Husbandry and Veterinary Science 2003

Paper-II

Section A

1. Write short notes on any three of the following in about 200 words each: ($20 \times 3 = 60$)
 - a. Canning of meat products
 - b. Grading of wool
 - c. Chemotherapy in neoplastic diseases
 - d. Types of placentation in domestic animals
2. Discuss the following: ($30 \times 2 = 60$)
 - a. Rules and regulations for prevention of cruelty to animals.
 - b. Epidemiological tools to study control of infectious diseases.
3. Classify the zoonotic diseases and describe various factors responsible for their prevalence and transmission (60).
4. Discuss various biochemical, bio-technological and immunological tests and their significance in the diagnosis of animal diseases (60).

Section B

5. Write short notes on any three of the following in about 200 words each: ($20 \times 3 = 60$)
 - a. Cell division
 - b. Respiratory and renal-regulation of acid base balance
 - c. Antimicrobial agents
 - d. CD4 cells
6. Give an account of: ($30 \times 2 = 60$)
 - a. Diagnosis and treatment of Bloat in cattle
 - b. Grading of pig carcasses
7. Discuss modern methods of preservation and packaging of meat and meat products (60).
8. Describe the symptoms, post-mortem lesions and diagnosis of Brucellosis in cattle. Discuss its economic importance in milk production (60).