

# IAS Mains Animal Husbandry and Veterinary Science 2004

## Paper-II

### Section A

1. Write short notes on any three of the following in about 200 words each:  $20 \times 3 = 60$ 
  - a. Coordination of blood circulation, respiration and excretion for healthy life
  - b. Hormonal therapy
  - c. Vaccination programme against animal diseases
  - d. Regulations for animal health and wealth
2. Discuss modern concept of diagnosis, treatment and prevention of production diseases of poultry. 60
3. Mention air, water and soil pollutants. Describe diagnosis, effect and solution of pollution for animal health. 60
4. Describe the role of epidemiology for investigation and control of animal diseases under Indian conditions. 60

### Section B

5. Write short notes on any three of the following in about 200 words each:  $20 \times 3 = 60$ 
  - a. Organization of rural milk procurement
  - b. Utilization of slaughter-house by-products
  - c. Meat adulteration and its detection
  - d. Latest methods of extension education
6. Narrate the plan for supply of hygienic and nutritive milk products from rural, to urban areas. 60
7. Describe duties and functions of veterinarian of slaughter house for production of standard meat. 60
8. Discuss the role of extension workers for implementation of rural herd health programmes to improve farmers economy. 60