

# IAS Mains Animal Husbandry and Veterinary Science 1998

## Paper-II

### Section A

1. Write short notes on any three of the following in about 200 words each:
  - a. Cyclozoonoses
  - b. Epidural anaesthesia
  - c. Biochemical tests for hepatic dysfunction
  - d. Chemoprophylaxis
2. What is meant by 'Organoleptic Qualities' of meat? Discuss the various methods that can be adopted for the 'quality' improvement of meat.
3. Explain in detail the mechanism of the 'buffer-system' in blood.
4. Prepare a protocol for the establishment of an Annual Health Centre in your state. What are the informations that are required for the same and how will you gather them?

### Section B

5. Write short notes on any three of the following in about 200 words each:
  - a. Plasma proteins
  - b. Cell mediated immune response
  - c. Placenta
  - d. Regulatory system in Meat Trade and Industry
6. Elaborate the various critical control point in the production, transport, processing, storage and marking of fluid milk. Mention the steps you will recommend for monitoring them.
7. Name the important parasitic diseases of poultry. Discuss the measures to be adopted for prevention and control of disease outbreak in an organised poultry farm.
8. What is 'Herd Immunity' Explain the procedures to be followed in developing a diseases-free herd.