

COMBINED COMPETITIVE EXAMINATION FOR  
RECRUITMENT TO THE POSTS OF  
PROVINCIAL MANAGEMENT SERVICE, ETC - 2016

SUBJECT: VETERINARY SCIENCES (PAPER-I)

TIME ALLOWED: THREE HOURS

MAXIMUM MARKS: 100

NOTE: Attempt FIVE Questions in All.

- Q No. 1:** Discuss classification of anti-parasitic drugs of veterinary importance. Describe their mechanisms of action and current status regarding resistance in the hosts in Pakistan? (20 Marks)
- Q No. 2:** Describe embryo transfer technology. Discuss its complete procedure with regard to genetic improvement. Also enlist its advantages and disadvantages in livestock population in Pakistan. (20 Marks)
- Q No. 3:** Enlist major non-infectious diseases in dairy cattle in our country. Describe in detail acidosis in ruminants. (20 Marks)
- Q No. 4:** What are the precautionary measures for septic wound healing? How will you proceed for its treatment and what are the physiological phenomenon involved in wound repair in horses? (20 Marks)
- Q No. 5:** Classify antibiotics in detail. Describe the mechanism of action, therapeutic uses and adverse effects of potentiated sulphonamides. (20 Marks)
- Q No. 6:** Describe in detail the collection, preservation and dispatch of laboratory samples for disease diagnosis in dogs and cats. Also explain the techniques for postmortem examination and elaborate its key points. (20 Marks)
- Q No. 7:** Write down the general principles of handling of toxicological cases. Discuss the tissue residues of veterinary drugs and their harmful effects on public health. (20 Marks)