

**RECRUITMENT TO THE POSTS OF
PROVINCIAL MANAGEMENT SERVICE, ETC - 2016**

SUBJECT: VETERINARY SCIENCES (PAPER-II)

TIME ALLOWED: THREE HOURS

MAXIMUM MARKS: 100

NOTE: Attempt Any FIVE Questions in All.

Q No. 1: ✓ Discuss the current status of dairy industry in Pakistan. What are the major constraints/challenges to the developing dairy industry in the country? Suggest appropriate measures to overcome these constraints/challenges.
(20 Marks)

Q No. 2: Discuss in detail the process of digestion and metabolism of carbohydrates, proteins and lipids as nutrients in dairy cattle.
(20 Marks)

Q No. 3: Enlist various breeding systems. Give an account of inbreeding. What are the consequences of inbreeding? Discuss various uses of inbreeding.
(20 Marks)

Q No. 4: ✓ Discuss the role of poultry industry in economic uplift of Pakistan. Describe the current status and future potential of poultry industry in combating hunger in Pakistan.
(20 Marks)

Q No. 5: ✓ Enlist different methods of fodder preservation. Give an account of silage. Describe method of making silage. Outline the important crops used for silage making? What are the properties of good quality silage?
(20 Marks)

Q No. 6: ✓ Why is farm sanitation and waste management programme considered important, and how effectively dairy farm wastes can be procured and utilized for other productive uses.
(20 Marks)

Q No. 7: ✓ You have been contracted as a dairy farm manager. Demonstrate how your involvement in the farm will improve the health and performance of the dairy herd and how you can increase 10% of the production under the same resources by using Best Management Practices.
(20 Marks)

Q No. 8: Write down advantage and disadvantage of roller mill and hammer mill. Also mention best storage conditions for raw materials.
(20 Marks)