



ROLL NO

PUNJAB PUBLIC SERVICE COMMISSION
COMBINED COMPETITIVE EXAMINATION
FOR RECRUITMENT TO THE POSTS OF
PROVINCIAL MANAGEMENT SERVICE, ETC -2023
CASE NO. 1C2024

SUBJECT: VETERINARY SCIENCE (PAPER-II)

TIME ALLOWED: THREE HOURS

MAXIMUM MARKS: 100

NOTE:

- i. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- ii. Write Q. No. in the Answer Book in accordance with Q. No. in the Q. Paper.
- iii. No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed.
- iv. Extra attempt of any question or any part of the question will not be considered.

NOTE: Attempt FIVE Questions in All. Attempt in Urdu or English.

- Q. No.1** For best performance, bird's digestive system should be efficient to convert input into cost effective output. What strategies as a nutritionist you will consider to make the quality products in the form of eggs and meat? **(20 Marks)**
- Q. No.2** Enlist 25 basic terms of nutrition of your choice with their comprehensive definition and where possible with an example. **(20 Marks)**
- Q. No.3** Modern poultry farming demands least manual interference. What measures should be adopted in terms of bio safety and bio security in environment control house? **(20 Marks)**
- Q. No.4** Cost effective end product is a major constraint in the export of poultry products. What remedies can be adopted to overcome these hurdles? **(20 Marks)**
- Q. No.5** Plan a year round feed and fodder supply for a herd of 500 Nili Ravi adult buffaloes (50 % lactating, 30% dry+pregnant and 20 % young stock). **(20 Marks)**
- Q. No.6** As a dairy farm manager, what farm records you suggest to be maintained and analyzed for a successful enterprise? **(20 Marks)**
- Q. No.7** How inbred lines are developed? Describe different steps keeping in view development of inbred lines in poultry. **(20 Marks)**
- Q. No.8** In early twentieth century (1930), Holstein-Friesian cattle breed was producing around 2000 liters of milk per lactation and now per lactation production is more than 12,000 liters. How did this miracle happen? **(20 Marks)**