

Term End External Examination 1<sup>st</sup> Semester (Session-Feb 2025)

Subject: Skill Enhancement Course

Course No and Title: VT124S/ Dairy Technology-I

**Time: 1.15 hours                      Max Marks:50                      Min. Marks:20**

**Section A: Objective Type Questions**

**Q1. Choose the appropriate Answer: (4x1.5=06)**

**i. The deposition of semen into the female genital tract by means of instruments is known as**

- A Natural Mating                      B Artificial insemination  
C Coitus                                      D None of the above

**ii. The period from one oestrous to the next oestrous is termed as**

- A Oestrous cycle                      B Menstrual cycle  
C Proestrous                                      D None of the above

**iii. The milk produced during the first few days after birth is**

- A Colostrum                                      B Flavored milk  
C Skim milk                                      D Fresh milk

**iv. SNF is**

- A Solid Not Fiber                      B Solid Not Foam  
C Solid Not Fat                                      D None of the above

**Section-B: Descriptive Type Questions (Short Type)**

**Q2: Answer all the Questions (4 x 4 =16)**

- i.** What is the role of milk in human nutrition?  
**ii.** Name any four equipment used in a dairy farm.  
**iii.** Write about roughage & concentrate?  
**iv.** Mention any four milk adulterants?

**Section – C: Descriptive Type Questions (Medium Type)**

**Answer all the questions: (2 x 7=14)**

**Q3.** What is clean milk production? Steps in clean milk production?

**OR**

Write about the methods of milking?

**Q4.** Explain the feed management of dairy cows during dry period?

**OR**

Describe the record keeping in a dairy farm?

**Section – D: Descriptive Type Questions (Long Type)**

**Answer any one of the following: (1 x 14=15)**

**Q5.** What is the composition of cow milk? Write in detail about the factors affecting the composition & yield of milk from dairy cows?

**Q6.** Discuss about the care and management of a newborn calf? What are the key stages of the lactation cycle in dairy cows?